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## MRO Catalogue



**BH** **BENG HUI** 明輝  
MARINE ELECTRICAL PTE LTD  
A Member of **BH GLOBAL CORPORATION LTD**

Marine • Offshore • Petrochemical • Industrial • Commercial



### OUR VISION

We pursue excellence and aim to be the market leader in our fields of expertise

### OUR MISSION

We commit to be a trusted and valued partner, delivering best values to our customers and stakeholders



### A MARKET LEADER IN SUPPLY CHAIN MANAGEMENT

Established since 1963, Beng Hui Marine Electrical Pte Ltd, a one stop marine and offshore electrical supplier to the most buoyant Shipbuilding, Ship Repair, On-and-Offshore, Oil & Gas industries worldwide has been in the business for more than 50 years.

We are the preferred vendor of many established clientele: ship chandlers, ship owners, ship-management companies, system integrators, shipyards and fabrication contractors in their new-build, repair and retrofitting projects in the Marine & Offshore industries.

With over S\$35 million worth of comprehensive inventory and more than 8,000 product line items from international brand partners, we provide a wide portfolio of premium technically certified electrical products such as marine & offshore cables, lighting systems and electrical products from international renowned brand partners/manufacturers.

Headquartered in Singapore, our warehouse is strategically located in close proximity to our customers. Over 220,000 square feet, the facility houses a warehouse equipped with storage facilities, material handling equipment, electrical testing facilities, cable cutting & reeling machines, manufacturing grounds and logistics offices.

### OUR VALUES



诚信纪律  
Integrity & Discipline



团队精神  
Teamwork & Performance



顾客优先  
Client Focused



创新思维  
Innovative



终生学习  
Learning & Development

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**Marine & Offshore Cables**

433 Types and Sizes of Cables with Stocks in Warehouse

**SEC Cable**

KR Lloyd's Register DNV-GL ABS CCS ClassNK



**NEK KABEL AS**

**Data & Communication Cables**

Wide Range of Communication Cables for Marine, Oil & Gas

DNV-GL ABS

## SEC Shipboard Cables

### HF-CXO 0.6/1kV



Halogen Free Low Smoke Power Cables

#### Type Approval Certificates

- American Bureau of Shipping
- Det Norske Veritas-Germanischer Lloyd
- Bureau Veritas
- Lloyd's Register
- NIPPON KAIJI KYOKAI
- Korean Register
- China Classification Society

#### Test Performances

Flame Retardant : IEC 60332-3-22 Category A  
 Smoke Emission : IEC 61034-2  
 Gases evolved during combustion : IEC 60754-1 : < 0.5% acid gas  
 IEC 60754-2 : pH ≥4.3; conductivity ≤10 μSmm<sup>-1</sup>

#### Standards

Construction and Design : IEC 60228, IEC 60092-350, IEC 60092-353  
 Materials : IEC 60092-351, IEC 60092-359

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
1 x 1.5	5.5	40	A4011001	
1 x 2.5	6.0	52	A4011002	
1 x 4	6.6	70	A4011004	
1 x 6	7.2	90	A4011006	794275
1 x 6 (G/Y)	7.2	90	A4011006E	
1 x 25 (CL.5)	11.2	310	A4011026	
1 x 25 (CL.5) (G/Y)	11.2	310	A4011026E	
1 x 35 (CL.5)	12.4	430	A4011036	
1 x 50 (CL.5)	14.1	560	A4011051	
1 x 70 (CL.5)	16.3	800	A4011071	
1 x 70 (CL.5) (G/Y)	16.3	800	A4011071E	
1 x 95 (CL.5)	18.4	1060	A4011096	
1 x 95 (CL.5) (G/Y)	18.4	1060	A4011096E	
1 x 120 (CL.5)	20.4	1325	A4011121	
1 x 120 (CL.5) (G/Y)	20.4	1325	A4011121E	
1 x 150 (CL.5)	22.6	1615	A4011151	
1 x 150 (CL.5) (G/Y)	22.6	1615	A4011151E	
1 x 185 (CL.5)	25.1	2015	A4011186	
1 x 240 (CL.5)	28.2	2660	A4011241	
1 x 300 (CL.5)	31.1	3280	A4011301	
2 x 1.5	9.0	75	A4012001	794278
2 x 2.5	10.0	110	A4012002	794279
2 x 4	11.2	145	A4012004	794280
2 x 6	12.5	195	A4012006	794281
2 x 16 (CL.5)	16.8	460	A4012017	
2 x 25 (CL.5)	20.5	710	A4012026	
2 x 35 (CL.5)	23.0	935	A4012036	
3 x 1.5	9.6	95	A4013001	794283
3 x 2.5	10.7	140	A4013002	794284
3 x 4	11.9	190	A4013004	794285
3 x 6	13.3	265	A4013006	794286
3 x 25 (CL.5)	21.9	950	A4013026	
3 x 35 (CL.5)	24.6	1310	A4013036	
3 x 50 (CL.5)	28.3	1700	A4013051	
3 x 70 (CL.5)	33.0	2485	A4013071	
3 x 95 (CL.5)	37.5	3295	A4013096	
3 x 120 (CL.5)	41.8	4160	A4013121	
3 x 150 (CL.5)	46.4	5125	A4013151	
4 x 1.5	10.5	125	A4014001	
4 x 2.5	11.7	170	A4014002	
4 x 4	13.1	245	A4014004	
4 x 6	14.6	335	A4014006	
7 x 1.5	12.6	190	A4016071	

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
8 x 1.5	13.7	250	A4016081	
12 x 1.5	16.7	315	A4016121	

### HF-CXOSA 0.6/1kV



Halogen Free Low Smoke Power Cables with Copper Wire Braiding

#### Type Approval Certificates

- American Bureau of Shipping
- Det Norske Veritas-Germanischer Lloyd
- Bureau Veritas
- Lloyd's Register
- NIPPON KAIJI KYOKAI
- Korean Register
- China Classification Society

#### Application

For fixed installations in all areas and open deck

Colour: Black

#### Test Performances

Flame Retardant : IEC 60332-3-22 Category A  
 Smoke Emission : IEC 61034-2  
 Gases evolved during combustion : IEC 60754-1 : < 0.5% acid gas  
 IEC 60754-2 : pH ≥4.3; conductivity ≤10 μSmm<sup>-1</sup>

#### Standards

Construction and Design : IEC 60228, IEC 60092-350, IEC 60092-353  
 Materials : IEC 60092-351, IEC 60092-359

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
1 x 1.5	6.9	85	A4021001	794301*
1 x 2.5	7.4	100	A4021002	794302*
1 x 4	7.9	120	A4021004	794303*
1 x 6	8.5	130	A4021006	794304*/794331
1 x 10	9.6	175	A4021010	794305*/794332
1 x 16 (CL.5)	11.6	270	A4021017	794333*
1 x 25 (CL.5)	13.4	380	A4021026	
1 x 35 (CL.5)	13.7	505	A4021036	
1 x 50 (CL.5)	15.8	675	A4021051	
1 x 70 (CL.5)	18.0	925	A4021071	
1 x 95 (CL.5)	20.1	1190	A4021096	
1 x 120 (CL.5)	22.0	1475	A4021121	
1 x 150 (CL.5)	24.1	1790	A4021151	
1 x 185 (CL.5)	26.8	2210	A4021186	
1 x 240 (CL.5)	29.9	2865	A4021241	
1 x 300 (CL.5)	32.8	3515	A4021301	
2 x 1.5	10.4	135	A4022001	794308*/794334
2 x 2.5	11.3	170	A4022002	794309*/794335
2 x 4	12.6	200	A4022004	794310*/794336
2 x 6	14.3	260	A4022006	794311*/794337
2 x 10	16.2	400	A4022010	794312*/794338
2 x 16 (CL.5)	18.5	570	A4022017	
2 x 25 (CL.5)	20.0	800	A4022026	
2 x 35 (CL.5)	24.5	1050	A4022036	
2 x 50 (CL.5)	28.2	1350	A4022051	
2 x 70 (CL.5)	32.5	1800	A4022071	
3 x 1.5	10.9	160	A4023001	794315*/794339
2 x 1.5+E	10.9	160	A4023001E	
3 x 2.5	12.1	200	A4023002	794316*/794340
2 x 2.5+E	12.1	200	A4023002E	
3 x 4	13.2	260	A4023004	794317*/794341
2 x 4+E	13.2	260	A4023004E	
3 x 6	15.0	335	A4023006	794318*/794342
2 x 6+E	15.0	335	A4023006E	
3 x 10	17.2	510	A4023010	794319*/794343
3 x 16 (CL.5)	19.7	720	A4023017	
3 x 25 (CL.5)	23.5	1090	A4023026	
3 x 35 (CL.5)	26.4	1490	A4023036	
3 x 50 (CL.5)	29.9	1940	A4023051	
3 x 70 (CL.5)	34.7	2720	A4023071	

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
3 x 95 (CL.5)	39.6	3650	A4023096	
3 x 120 (CL.5)	43.8	4550	A4023121	
3 x 150 (CL.5)	48.6	5550	A4023151	
3 x 185 (CL.5)	54.0	7030	A4023186	
3 x 240 (CL.5)	60.8	9050	A4023241	
4 x 1.5	11.9	185	A4024001	794345
4 x 2.5	13.0	245	A4024002	794346
3 x 2.5+E	13.0	245	A4024002E	
4 x 4	14.9	315	A4024004	794347
3 x 4+E	14.9	315	A4024004E	
4 x 6	16.3	435	A4024006	794348
3 x 6+E	16.3	435	A4024006E	
4 x 10	18.7	635	A4024010	794349
3 x 10+E	18.7	635	A4024010E	
4 x 16 (CL.5)	21.5	920	A4024017	794350*
3 x 16+E (CL.5)	21.5	920	A4024017E	
4 x 25 (CL.5)	26.1	1380	A4024026	
3 x 25+E (CL.5)	26.1	1380	A4024026E	
4 x 35 (CL.5)	29.1	1880	A4024036	
3 x 35+E (CL.5)	29.1	1880	A4024036E	
4 x 50 (CL.5)	33.1	2470	A4024051	
4 x 70 (CL.5)	38.9	3545	A4024071	
3 x 70+E (CL.5)	38.9	3545	A4024071E	
4 x 95 (CL.5)	43.7	4895	A4024096	
4 x 120 (CL.5)	48.7	6095	A4024121	
4 x 150 (CL.5)	53.9	8240	A4024151	
4 x 185 (CL.5)	59.8	10290	A4024186	
5 x 1.5	12.9	220	A4025001	
5 x 2.5	14.9	285	A4025002	
5 x 4	16.1	270	A4025004	
5 x 6	17.9	380	A4025006	
4 x 6+E	17.9	380	A4025006E	
4 x 10+E	20.6	795	A4025010E	
5 x 16 (CL.5)	23.6	1150	A4025017	
6 x 1.5	14.6	245	A4026061	
7 x 1.5	14.6	270	A4026071	
7 x 2.5	16.0	355	A4026072	
8 x 1.5	15.6	340	A4026081	
9 x 1.5	16.6	370	A4026091	
10 x 1.5	18.1	395	A4026101	
10 x 2.5	20.1	540	A4026102	
12 x 1.0	17.5	350	A4026120	
12 x 1.5	18.6	440	A4026121	
12 x 2.5	20.7	580	A4026122	
14 x 1.5	19.4	495	A4026141	
15 x 1.5	18.4	515	A4026151	
16 x 1.5	20.6	560	A4026161	
16 x 2.5	22.9	765	A4026162	
19 x 1.5	21.5	600	A4026191	
20 x 1.5	22.1	660	A4026201	
24 x 1.5	25.0	785	A4026241	
24 x 2.5	28.3	1095	A4026242	
27 x 1.5	25.7	830	A4026271	
30 x 1.5	26.5	940	A4026301	
32 x 1.5	27.0	980	A4026321	
36 x 1.5	28.3	1020	A4026361	
37 x 1.5	28.8	1060	A4026371	

## HF-IXOSA 150/250V



Halogen Free Low Smoke Instrumentation, Control and Telecommunication Cables, Overall Screen with Copper Wire Braiding.

### Type Approval Certificates

- American Bureau of Shipping
- Det Norske Veritas-Germanischer Lloyd
- Bureau Veritas
- Lloyd's Register
- NIPPON KAIJI KYOKAI
- Korean Register
- China Classification Society

### Application

For interconnection of all sorts of instrumentation and communication equipment including telephone equipments

**Colour:** Grey / Blue

### Test Performances

Flame Retardant : IEC 60332-3-22 Category A  
 Smoke Emission : IEC 61034-2  
 Gases evolved during combustion : IEC 60754-1 : < 0.5% acid gas  
 IEC 60754-2 : pH ≥4.3; conductivity ≤10 μSmm<sup>-1</sup>

### Standards

Construction and Design : IEC 60228, IEC 60092-350, IEC 60092-376  
 Materials : IEC 60092-351, IEC 60092-359

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
<b>250V 0.5mm<sup>2</sup></b>				
1 x 2 x 0.5	7.2	140	A4030120	
2 x 2 x 0.5	9.8	180	A4030220	
3 x 2 x 0.5	10.3	195	A4030320	
4 x 2 x 0.5	11.1	220	A4030420	
5 x 2 x 0.5	12.1	245	A4030520	
6 x 2 x 0.5	13.0	265	A4030620	
7 x 2 x 0.5	13.0	275	A4030720	
8 x 2 x 0.5	15.0	305	A4030820	
10 x 2 x 0.5	16.6	390	A4031020	
12 x 2 x 0.5	17.3	415	A4031220	
14 x 2 x 0.5	18.0	460	A4031420	
19 x 2 x 0.5	20.0	545	A4031920	
24 x 2 x 0.5	23.2	675	A4032420	
37 x 2 x 0.5	26.4	890	A4033720	
<b>250V 0.75mm<sup>2</sup></b>				
1 x 2 x 0.75	8.0	100	A4030121	
1 x 3 x 0.75	8.4	100	A4030131	
1 x 4 x 0.75	8.5	130	A4030141	
2 x 2 x 0.75	11.1	150	A4030221	
2 x 3 x 0.75	12.2	190	A4030231	
3 x 2 x 0.75	11.7	180	A4030321	
3 x 3 x 0.75	12.9	210	A4030331	
4 x 2 x 0.75	12.7	245	A4030421	
5 x 2 x 0.75	14.4	280	A4030521	
6 x 2 x 0.75	15.5	320	A4030621	
7 x 2 x 0.75	15.5	375	A4030721	
8 x 2 x 0.75	16.7	410	A4030821	
10 x 2 x 0.75	19.5	500	A4031021	
12 x 2 x 0.75	20.2	555	A4031221	
14 x 2 x 0.75	21.2	630	A4031421	
19 x 2 x 0.75	23.5	800	A4031921	
24 x 2 x 0.75	27.6	960	A4032421	
37 x 2 x 0.75	31.6	1230	A4033721	
<b>250V 1.0mm<sup>2</sup></b>				
1 x 2 x 1.0	8.4	110	A4030122	
2 x 2 x 1.0	11.7	230	A4030222	
3 x 2 x 1.0	12.4	260	A4030322	
4 x 2 x 1.0	13.5	325	A4030422	
8 x 3 x 1.0	19.8	590	A4030832	
<b>250V 1.5mm<sup>2</sup></b>				
1 x 2 x 1.5	9.5	110	A4030123	
1 x 3 x 1.5	10.1	150	A4030133	
2 x 2 x 1.5	13.5	200	A4030223	

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code	Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
4 x 2 x 1.5	16.1	325	A4030423				<b>250V 0.75mm<sup>2</sup></b>		
7 x 2 x 1.5	19.1	470	A4030723		1 x 2 x 0.75	8.4	100	A4050121	
8 x 2 x 1.5	20.7	525	A4030823		1 x 3 x 0.75	8.8	110	A4050131	
10 x 2 x 1.5	24.3	635	A4031023		2 x 2 x 0.75	12.4	190	A4050221	
12 x 2 x 1.5	25.1	735	A4031223		2 x 3 x 0.75	13.6	230	A4050231	
14 x 2 x 1.5	26.5	815	A4031423		3 x 2 x 0.75	13.1	230	A4050321	
16 x 2 x 1.5	28	940	A4031623		3 x 3 x 0.75	14.9	300	A4050331	
19 x 2 x 1.5	29.5	1120	A4031923		4 x 2 x 0.75	14.7	275	A4050421	
24 x 2 x 1.5	34.7	1510	A4032423		4 x 3 x 0.75	16.2	360	A4050431	
		<b>250V 1.5mm<sup>2</sup> (Blue)</b>			5 x 2 x 0.75	16.1	360	A4050521	
1 x 2 x 1.5 (Blue)	9.5	110	A4060123		6 x 2 x 0.75	17.4	410	A4050621	
1 x 3 x 1.5 (Blue)	10.1	150	A4060133		7 x 2 x 0.75	17.4	435	A4050721	
2 x 2 x 1.5 (Blue)	13.5	200	A4060223				<b>250V 0.75mm<sup>2</sup></b>		
4 x 2 x 1.5 (Blue)	16.1	325	A4060423		8 x 2 x 0.75	18.8	480	A4050821	
8 x 2 x 1.5 (Blue)	20.7	525	A4060823		10 x 2 x 0.75	22	585	A4051021	
		<b>250V 1.5mm<sup>2</sup> (Blue)</b>			12 x 2 x 0.75	22.7	665	A4051221	
12 x 2 x 1.5 (Blue)	25.1	735	A4061223		12 x 3 x 0.75	25.2	830	A4051231	
16 x 2 x 1.5 (Blue)	28	940	A4061623		14 x 2 x 0.75	23.9	750	A4051421	
24 x 2 x 1.5 (Blue)	34.7	1510	A4062423		19 x 2 x 0.75	26.5	955	A4051921	
		<b>MULTICORE</b>					<b>250V 1.5mm<sup>2</sup></b>		
2 x 0.75	7.9	95	A4042001		1 x 2 x 1.5	9.9	130	A4050123	
2 x 1.0	8.3	120	A4042002		1 x 3 x 1.5	10.4	160	A4050133	
3 x 0.75	8.3	110	A4043001		2 x 2 x 1.5	15.4	300	A4050223	
3 x 1.0	8.7	135	A4043002		4 x 2 x 1.5	17.8	390	A4050423	
4 x 0.75	8.9	125	A4044001		5 x 2 x 1.5	19.5	480	A4050523	
4 x 1.0	9.4	150	A4044002	794326*	7 x 2 x 1.5	21.2	585	A4050723	
5 x 0.75	9.6	160	A4045001		8 X 2 X 1.5	23.0	670	A4050823	
5 x 1.0	10.2	170	A4045002		8 x 3 x 1.5	25.6	910	A4050833	
6 x 0.75	10.3	170	A4046061		10 x 2 x 1.5	27.1	870	A4051023	
7 x 1.0	10.9	270	A4046072	794327*	12 X 2 X 1.5	28.0	950	A4051223	
8 x 0.75	11.1	210	A4046081		14 x 2 x 1.5	29.5	1055	A4051423	
8 x 1.0	11.7	240	A4046082		16 x 2 x 1.5	31.2	1190	A4051623	
10 x 0.5	12.0	250	A4046100		19 x 2 x 1.5	33	1390	A4051923	
10 x 0.75	12.7	255	A4046101		24 x 2 x 1.5	39.3	1910	A4052423	
10 x 1.0	13.5	315	A4046102				<b>250V 1.5mm<sup>2</sup> (Blue)</b>		
12 x 0.5	12.5	265	A4046120		1 x 2 x 1.5 (Blue)	9.9	130	A4070123	
12 x 0.75	13.1	285	A4046121		1 x 3 x 1.5 (Blue)	10.4	160	A4070133	
12 x 1.0	13.9	450	A4046122	794328*	2 x 2 x 1.5 (Blue)	15.4	300	A4070223	
15 x 0.75	14.5	330	A4046151		4 x 2 x 1.5 (Blue)	17.8	390	A4070423	
16 x 1.0	15.8	650	A4046162		8 X 2 X 1.5 (Blue)	23.0	670	A4070823	
19 x 0.75	15.6	420	A4046191		12 X 2 X 1.5 (Blue)	28.0	950	A4071223	
19 x 1.0	16.6	740	A4046192	794329*	16 x 2 x 1.5 (Blue)	31.2	1190	A4071623	
24 x 0.75	18	520	A4046241		24 x 2 x 1.5 (Blue)	39.3	1910	A4072423	
30 x 0.75	19	610	A4046301						

### HF-IXO(i)SA 150/250V



Halogen Free Low Smoke Instrumentation, Control and Telecommunication Cables, Individual Pair Screen with Copper Wire Braiding.

#### Type Approval Certificates

- American Bureau of Shipping
- Det Norske Veritas-Germanischer Lloyd
- Bureau Veritas
- Lloyd's Register
- NIPPON KAIJI KYOKAI
- Korean Register
- China Classification Society

#### Application

For interconnection of all sorts of instrumentation and communication equipment including telephone equipments  
Individual pair screen and overall screen provides excellent performance for signals transmission

**Colour:** Grey / Blue

#### Test Performances

- Flame Retardant : IEC 60332-3-22 Category A
- Smoke Emission : IEC 61034-2
- Gases evolved during combustion : IEC 60754-1 : < 0.5% acid gas  
IEC 60754-2 : pH ≥4.3; conductivity ≤10 μSmm<sup>-1</sup>

#### Standards

- Construction and Design : IEC 60228, IEC 60092-350, IEC 60092-376
- Materials : IEC 60092-351, IEC 60092-359

### HFF-CX 0.6/1kV



Halogen Free Low Smoke Switchboard Wires, Tinned Copper Conductors, Class 5

#### Type Approval Certificates

- American Bureau of Shipping
- Det Norske Veritas-Germanischer Lloyd
- Bureau Veritas
- Lloyd's Register
- Registro Italiano Navale
- NIPPON KAIJI KYOKAI
- Korean Register
- China Classification Society

#### Application

For fixed wiring in switchboards, control panels and other enclosures

#### Other Colours Available

Grey, Blue, Black, Brown, White, Green, Yellow and Red


#### Test Performances

- Flame Retardant : IEC 60332-1-2
- Smoke Emission : IEC 61034-2
- Gases evolved during combustion : IEC 60754-1 : < 0.5% acid gas  
IEC 60754-2 : pH ≥4.3; conductivity ≤10 μSmm<sup>-1</sup>

#### Standards

- Construction and Design : IEC 60228, IEC 60092-350, IEC 60092-353
- Materials : IEC 60092-351



Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code	Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
<b>BLACK</b>									
1 x 0.75	2.7	13	A4080000		1 x 2.5	8.0	90	A4121002	
1 x 1.0	2.8	16	A4080010		1 x 4	8.6	110	A4121004	
1 x 1.5	3.1	21	A4080020		1 x 6	9.3	140	A4121006	
1 x 2.5	3.6	31	A4080030		1 x 10	10.3	190	A4121010	
1 x 4.0	4.2	47	A4080040		1 x 16	11.3	260	A4121016	
1 x 6.0	4.9	70	A4080060		1 x 25	13.2	375	A4121025	
1 x 10	5.8	105	A4080100		1 x 35 (CL.5)	14.9	520	A4121036	
1 x 16	7.3	161	A4080160		1 x 50 (CL.5)	16.5	665	A4121051	
1 x 25	9.2	260	A4080250		1 x 70 (CL.5)	18.7	900	A4121071	
1 x 35	10.6	352	A4080350		1 x 95 (CL.5)	20.8	1190	A4121096	
1 x 50	12.7	503	A4080500		1 x 120 (CL.5)	22.8	1470	A4121121	
1 x 70	15.1	714	A4080700		1 x 150	24.8	1770	A4121150	
1 x 95	17.2	929	A4080950		1 x 185	27.5	2185	A4121185	
1 x 120	19	1166	A4081200		1 x 240	30.7	2815	A4121240	
1 x 150	21.1	1490	A4081500		1 x 300	33.6	3460	A4121300	
1 x 185	23.5	1830	A4081850		2 x 1.5	11.8	145	A4122001	
<b>BLUE</b>									
1 x 0.75	2.7	13	A4080002		2 x 2.5	12.7	180	A4122002	
1 x 1.5	3.1	21	A4080022		2 x 4	14.6	225	A4122004	
<b>RED</b>									
1 x 0.75	2.7	13	A4080003		2 x 6	15.6	310	A4122006	
1 x 1.5	3.1	21	A4080023		2 x 10	17.6	410	A4122010	
1 x 2.5	3.6	31	A4080033		2 x 16 (CL.5)	19.9	555	A4122017	
<b>YELLOW</b>									
1 x 0.75	2.7	13	A4080004		2 x 25 (CL.5)	23.5	780	A4122026	
1 x 1.5	3.1	21	A4080024		2 x 35	26.1	1000	A4122035	
<b>GREEN/YELLOW</b>									
1 x 0.75	2.7	13	A4080008		2 x 50 (CL.5)	29.4	1290	A4122051	
1 x 1.5	3.1	21	A4080028		3 x 1.5	12.4	175	A4123001	
1 x 2.5	3.6	31	A4080038		2 x 1.5+E	13.4	215	A4123001E	
1 x 4.0	4.2	47	A4080048		3 x 2.5	13.4	215	A4123002	
1 x 6.0	4.9	70	A4080068		2 x 2.5+E	13.4	215	A4123002E	
1 x 10	5.8	105	A4080108		3 x 4	15.2	275	A4123004	
1 x 16	7.3	161	A4080168		3 x 6	16.4	375	A4123006	
1 x 25	9.2	260	A4080258		3 x 10	18.6	530	A4123010	
1 x 35	10.6	352	A4080358		3 x 16 (CL.5)	21.1	735	A4123017	
1 x 50	12.7	503	A4080508		3 x 25 (CL.5)	25.3	1145	A4123026	
1 x 70	15.1	714	A4080708		3 x 35 (CL.5)	27.7	1500	A4123036	
1 x 95	17.2	929	A4080958		3 x 50 (CL.5)	31.6	1935	A4123051	
1 x 120	19	1166	A4081201		3 x 70 (CL.5)	36.7	2690	A4123071	
<b>FRHF-CXOSA 0.6/1kV</b>									
 Halogen Free Low Smoke Fire Resistant Power Cables with Copper Wire Braiding									
<b>Type Approval Certificates</b>									
- American Bureau of Shipping - Det Norske Veritas-Germanischer Lloyd - Bureau Veritas - Lloyd's Register - NIPPON KAIJI KYOKAI - Korean Register - China Classification Society					<b>Application</b>				
					Fire Resistant cables for fixed installations in all areas and open deck  <b>Colour:</b> Orange				
<b>Test Performance</b>									
Fire Resistant : IEC 60331-1 (D >20mm <sup>2</sup> ), IEC 60331-2 or IEC 60331-21 (D >20mm <sup>2</sup> ) Flame Retardant : IEC 60332-3-22 Category A Smoke Emission : IEC 61034-2 : transmittance values >60% Gases evolved during combustion : IEC 60754-1 : < 0.5% acid gas IEC 60754-2 : pH ≥4.3; conductivity ≤10 μSmm <sup>-1</sup>									
<b>Standards</b>									
Construction and Design : IEC 60228, IEC 60092-350, IEC 60092-353 Materials : IEC 60092-351, IEC 60092-359									
<b>Number of Cross Sectional Area of Conductor (mm<sup>2</sup>)</b>	<b>Max Overall Diameter (mm)</b>	<b>Approx Net Weight of Cables (kg/km)</b>	<b>BH Code</b>	<b>IMPA Code</b>					
1 x 1.5	7.6	75	A4121001		4 x 1.5	13.4	205	A4124001	
					4 x 2.5	15.3	255	A4124002	
					4 x 4	16.6	360	A4124004	
					4 x 6	18.2	460	A4124006	
					4 x 10	20.7	660	A4124010	
					4 x 16 (CL.5)	23.4	930	A4124017	
					4 x 25 (CL.5)	27.6	1455	A4124026	
					4 x 50	35.0	2490	A4124050	
					5 x 1.5	15.2	250	A4125001	
					5 x 2.5	16.4	320	A4125002	
					7 x 1.5	16.4	305	A4126071	
					7 x 2.5	17.9	400	A4126072	
					8 x 1.5	17.8	370	A4126081	
					9 x 1.5	19.0	425	A4126091	
					10 x 1.5	20.7	510	A4126101	
					12 x 1.5	21.4	560	A4126121	
					12 x 2.5	23.4	730	A4126122	

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code	Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
14 x 2.5	24.6	830	A4126142		4 x 0.75	10.9	230	A4144000	
16 x 1.5	23.7	710	A4126161		4 x 1.0	11.4	240	A4144001	
19 x 1.5	25.1	790	A4126191		5 x 1.0	12.4	290	A4145001	
20 x 1.5	25.8	850	A4126201		6 x 0.75	12.9	300	A4146060	
24 x 1.5	29.3	1010	A4126241		6 x 1.0	13.5	340	A4146061	
27 x 1.5	29.9	1095	A4126271		8 x 1.0	15.0	480	A4146081	
30 x 1.5	31.2	1190	A4126301		10 x 1.0	17.4	610	A4146101	
37 x 1.5	33.8	1430	A4126371		19 x 1.0	20.9	980	A4146191	
					20 x 1.0	21.5	1030	A4146201	

## FRHF-IXOSA 150/250V



Halogen Free Low Smoke Fire Resistant Instrumentation, Control and Telecommunication Cables, Overall Screen with Copper Wire Braiding.

### Type Approval Certificates

- American Bureau of Shipping
- Det Norske Veritas-Germanischer Lloyd
- Bureau Veritas
- Lloyd's Register
- NIPPON KAIJI KYOKAI
- Korean Register
- China Classification Society

### Test Performance

Fire Resistant : IEC 60331-1 (D >20mm<sup>2</sup>), IEC 60331-2 or IEC 60331-21 (D ≤20mm<sup>2</sup>)  
 Flame Retardant : IEC 60332-3-22 Category A  
 Smoke Emission : IEC 61034-2 : transmittance values >60%  
 Gases evolved during combustion : IEC 60754-1 : <0.5% acid gas  
 IEC 60754-2 : pH ≥4.3; conductivity ≤10 μSmm<sup>-1</sup>

### Standards

Construction and Design : IEC 60228, IEC 60092-350, IEC 60092-353  
 Materials : IEC 60092-351, IEC 60092-359

### Application

Fire resistant cables, for interconnection of all sorts of instrumentation and communication equipment including telephone equipments

Colour: Orange

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
<b>250V 0.75mm<sup>2</sup></b>				
1 x 2 x 0.75	9.7	120	A4130121	
2 x 2 x 0.75	14.3	210	A4130221	
4 x 2 x 0.75	16.6	320	A4130421	
7 x 2 x 0.75	19.9	460	A4130721	
8 x 2 x 0.75	21.4	505	A4130821	
10 x 2 x 0.75	25.3	630	A4131021	
12 x 2 x 0.75	26.2	700	A4131221	
14 x 2 x 0.75	27.5	780	A4131421	
19 x 2 x 0.75	30.9	1005	A4131921	
24 x 2 x 0.75	36.7	1210	A4132421	
<b>250V 1.5mm<sup>2</sup></b>				
1 x 2 x 1.5	11	145	A4130123	
2 x 2 x 1.5	16.7	320	A4130223	
4 x 2 x 1.5	19.4	430	A4130423	
7 x 2 x 1.5	23.4	585	A4130723	
8 x 2 x 1.5	25.4	645	A4130823	
10 x 2 x 1.5	30.0	785	A4131023	
12 x 2 x 1.5	31.2	960	A4131223	
14 x 2 x 1.5	32.8	1100	A4131423	
16 x 2 x 1.5	34.7	1270	A4131623	
19 x 2 x 1.5	37.2	1395	A4131923	
24 x 2 x 1.5	43.8	1970	A4132423	
<b>MULTICORE</b>				
2 x 0.75	9.6	150	A4142000	
2 x 1.0	10.0	170	A4142001	
3 x 0.75	10.1	190	A4143000	
3 x 1.0	10.5	230	A4143001	

## FRHF-IXO(i)SA 150/250V



Halogen Free Low Smoke Fire Resistant Instrumentation, Control and Telecommunication Cables, Individual Pair Screen with Copper Wire Braiding.

### Type Approval Certificates

- American Bureau of Shipping
- Det Norske Veritas-Germanischer Lloyd
- Bureau Veritas
- Lloyd's Register
- NIPPON KAIJI KYOKAI
- Korean Register
- China Classification Society

### Test Performance

Fire Resistant : IEC 60331-1 (D >20mm<sup>2</sup>), IEC 60331-2 or IEC 60331-21 (D ≤20mm<sup>2</sup>)  
 Flame Retardant : IEC 60332-3-22 Category A  
 Smoke Emission : IEC 61034-2 : transmittance values >60%  
 Gases evolved during combustion : IEC 60754-1 : < 0.5% acid gas  
 IEC 60754-2 : pH ≥4.3; conductivity ≤10 μSmm<sup>-1</sup>

### Standards

Construction and Design : IEC 60228, IEC 60092-350, IEC 60092-353  
 Materials : IEC 60092-351, IEC 60092-359

### Application

Fire resistant cables, for interconnection of all sorts of instrumentation and communication equipment including telephone equipments with individual screen

Colour: Orange

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
<b>250V 0.75mm<sup>2</sup></b>				
1 x 2 x 0.75	10.3	140	A4150121	
1 x 3 x 0.75	10.8	140	A4150131	
2 x 2 x 0.75	16.2	225	A4150221	
2 x 3 x 0.75	17.8	360	A4150231	
3 x 2 x 0.75	17.1	295	A4150321	
4 x 2 x 0.75	18.7	325	A4150421	
5 x 2 x 0.75	20.5	410	A4150521	
7 x 2 x 0.75	22.4	525	A4150721	
8 x 2 x 0.75	24.2	580	A4150821	
10 x 2 x 0.75	28.6	700	A4151021	
12 x 2 x 0.75	29.5	805	A4151221	
14 x 2 x 0.75	31.1	905	A4151421	
16 x 2 x 0.75	33.0	970	A4151621	
19 x 2 x 0.75	34.9	1170	A4151921	
24 x 2 x 0.75	41.5	1420	A4152421	
<b>250V 1.5mm<sup>2</sup></b>				
1 x 2 x 1.5	11.7	160	A4150123	
1 x 3 x 1.5	12.4	190	A4150133	
2 x 2 x 1.5	18.7	340	A4150223	
4 x 2 x 1.5	21.8	520	A4150423	
7 x 2 x 1.5	26.2	790	A4150723	
8 x 2 x 1.5	28.5	875	A4150823	
10 x 2 x 1.5	33.8	1250	A4151023	
12 x 2 x 1.5	34.9	1420	A4151223	
14 x 2 x 1.5	37.3	1625	A4151423	
19 x 2 x 1.5	41.5	2120	A4151923	
24 x 2 x 1.5	49.2	2350	A4152423	

## HF-CXOSA 6/10kV

Halogen Free, Non-Corrosive and Low Toxic Gases, XLPE Insulated Polyolefin Jacketed Marine Cables



### Type Approval Certificates

- American Bureau of Shipping
- Det Norske Veritas-Germanischer Lloyd
- Bureau Veritas

### Application

For fixed installations on board of ships at all levels and open decks based on IEC 60092-354

**Colour:** Red

### Test Performances

Flame Retardant : IEC 60332-1, IEC 60332-3 Category A  
 Smoke Emission : IEC 61034-1, IEC 61034-2  
 Gases evolved during combustion : IEC 60754-1 : < 0.5% acid gas  
 IEC 60754-2 : pH>=4.3; conductivity <= 10 uSmm<sup>-1</sup>

### Standards

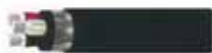
Construction and Design : IEC 60228, IEC 60092-350, IEC 60092-354  
 Materials : IEC 60092-351, IEC 60092-359

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
1 x 50	26.5	1200	A4281050	
1 x 70	28.4	1480	A4281070	
1 x 95	31.1	1850	A4281095	
1 x 120	32.2	2150	A4281120	
3 x 50	51.9	3860	A4283050	
3 x 70	56.6	4830	A4283070	
3 x 95	62.4	6080	A4283095	
3 x 120	64.7	7000	A4283120	
3 x 150	68.5	8160	A4283150	

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
3 x 16 (CL.5)	23	1060	A4413017	
3 x 25 (CL.5)	27.1	1530	A4413026	
3 x 35 (CL.5)	29.8	1930	A4413036	
3 x 50 (CL.5)	34.4	2540	A4413051	
3 x 70 (CL.5)	39.1	3520	A4413071	
3 x 95 (CL.5)	44.6	4650	A4413096	
3 x 120 (CL.5)	48.8	5670	A4413121	
3 x 150 (CL.5)	53.6	6840	A4413151	
3 x 185 (CL.5)	59.3	8440	A4413186	
3 x 240 (CL.5)	66.6	10920	A4413241	
4 x 1.5	15.7	390	A4414001	
4 x 2.5	16.8	460	A4414002	
4 x 4	18.2	580	A4414004	
5 x 1.5	16.9	460	A4415001	
5 x 2.5	18.1	550	A4415002	
7 x 1.5	18.1	530	A4416071	
7 x 2.5	19.5	640	A4416072	
10 x 1.5	22.2	780	A4416101	
10 x 2.5	24.1	950	A4416102	
12 x 1.5	22.9	840	A4416121	
12 x 2.5	24.8	1030	A4416122	
14 x 2.5	25.9	1140	A4416142	
16 x 1.5	25.1	1010	A4416161	
16 x 2.5	27.3	1260	A4416162	
19 x 1.5	26.3	1120	A4416191	
19 x 2.5	28.6	1420	A4416192	
24 x 1.5	30.5	1470	A4416241	
24 x 2.5	33.6	1890	A4416242	
37 x 2.5	38.7	2600	A4416372	

## SEC NEK606 Offshore Cables

### P1/P8 RFOU 0.6/1kV MUD RESISTANT



Halogen Free Low Smoke Mud Resistant Armoured Power Cables

### Application

For installation in offshore applications with special performances on flame spread and low emission of smoke and fumes. Halogen free, oil and mud resistant

**Colour:** Black

### Test Performance

Flame Retardant : IEC 60332-1-2, IEC 60332-3-22 Category A  
 Smoke Emission : IEC 61034-1/2  
 Halogen free properties : IEC 60754-1/2

### Standards

Construction and Design : IEC 60228, IEC 60092-350, IEC 60092-353, NEK 606:2004  
 Materials : IEC 60092-351, IEC 60092-359

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
1 x 25 (CL 5)	15.5	510	A4411026	
1 x 35 (CL 5)	16.7	640	A4411036	
1 x 120 (CL 5)	25	1670	A4411121	
1 x 300 (CL 5)	36.6	3900	A4411301	
2 x 1.5	13.5	260	A4412001	
2 x 2.5	14.9	350	A4412002	
2 x 4	16.1	420	A4412004	
2 x 6	17.4	490	A4412006	
2 x 10	19.4	650	A4412010	
2 x 16 (CL 5)	21.7	860	A4412017	
2 x 25 (CL.5)	25.6	1230	A4412026	
2 x 35 (CL.5)	28	1540	A4412036	
2 x 50 (CL.5)	31.9	1980	A4412051	
2 x 70 (CL.5)	36.8	2730	A4412071	
3 x 1.5	14.2	310	A4413001	
3 x 2.5	15.6	400	A4413002	
3 x 4	16.9	480	A4413004	
3 x 6	18.3	600	A4413006	
3 x 10	20.5	790	A4413010	

### RFOU(I/C) 250V MUD RESISTANT



Halogen Free Low Smoke Mud Resistant, Individual and Collective Screened and Armoured Instrumentation Cables

### Type Approval Certificates

- American Bureau of Shipping
- Det Norske Veritas-Germanischer Lloyd
- Lloyd's Register

### Application

For installation in offshore applications with special performances on flame spread and low emission of smoke and fumes. Halogen free, oil and mud resistant

**Colour:** Grey / Blue

### Test Performance

Flame Retardant : IEC 60332-1-2, 60332-3-22 Category A  
 Smoke Emission : IEC 61034-1/2  
 Halogen free properties : IEC 60754-1/2

### Standards

Construction and Design : IEC 60228, IEC 60092-350, IEC 60092-376, NEK 606:2004  
 Materials : IEC 60092-351, IEC 60092-359

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
<b>250V 0.75mm<sup>2</sup></b>				
1 x 2 x 0.75	10.8	180	A4420121	
2 x 2 x 0.75	15.3	360	A4420221	
2 x 3 x 0.75	16.1	410	A4420231	
4 x 2 x 0.75	17.0	450	A4420421	
4 x 3 x 0.75	18.3	540	A4420431	
8 x 2 x 0.75	20.8	590	A4420821	
8 x 3 x 0.75	23.6	750	A4420831	
12 x 2 x 0.75	24.0	780	A4421221	
12 x 3 x 0.75	27.8	1010	A4421231	
16 x 2 x 0.75	26.6	950	A4421621	
24 x 2 x 0.75	31.5	1280	A4422421	
<b>250V 1.5mm<sup>2</sup></b>				
1 x 2 x 1.5	12.7	240	A4420123	
2 x 2 x 1.5	18.4	510	A4420223	
2 x 3 x 1.5	19.9	610	A4420233	

## S1/S5 RFOU(I) 250V MUD RESISTANT



Halogen Free Low Smoke Mud Resistant Individually Screened and Armoured Instrumentation Cables

### Type Approval Certificates

- American Bureau of Shipping
- Det Norske Veritas-Germanischer Lloyd
- Lloyd's Register

### Application

For installation in offshore applications with special performances on flame spread and low emission of smoke and fumes. Halogen free, oil and mud resistant

**Colour:** Grey / Blue

### Test Performance

Flame Retardant : IEC 60332-1-2, 60332-3-22 Category A  
 Smoke Emission : IEC 61034-1/2  
 Halogen free properties : IEC 60754-1/2

### Standards

Construction and Design : IEC 60228, IEC 60092-350, IEC 60092-376, NEK 606:2004  
 Materials : IEC 60092-351, IEC 60092-359

### Option:

Blue colour for intrinsically safe available

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
<b>250V 0.75mm<sup>2</sup></b>				
1 x 2 x 0.75	10.6	160	A4440121	
1 x 3 x 0.75	11.1	190	A4440131	
2 x 2 x 0.75	15.1	350	A4440221	
4 x 2 x 0.75	17.1	450	A4440421	
12 x 2 x 0.75	24.3	930	A4441221	
16 x 2 x 0.75	27.0	1170	A4441621	
24 x 2 x 0.75	32.2	1670	A4442421	
<b>250V 1.5mm<sup>2</sup></b>				
1 x 2 x 1.5	12	210	A4440123	
1 x 3 x 1.5	13.5	290	A4440133	
2 x 2 x 1.5	17.6	460	A4440223	
<b>250V 1.5mm<sup>2</sup></b>				
4 x 2 x 1.5	20	600	A4440423	
8 x 2 x 1.5	24.9	950	A4440823	
12 x 2 x 1.5	29.1	1330	A4441223	
16 x 2 x 1.5	33.0	1660	A4441623	
24 x 2 x 1.5	39.2	2460	A4442423	
<b>250V 1.5mm<sup>2</sup> (Blue)</b>				
1 x 2 x 1.5 (Blue)	12	210	A4470123	
1 x 3 x 1.5 (Blue)	13.5	290	A4470133	
2 x 2 x 1.5 (Blue)	17.6	460	A4470223	
4 x 2 x 1.5 (Blue)	20	600	A4470423	
8 x 2 x 1.5 (Blue)	24.9	950	A4470823	

## S2/S6 RFOU(C) 250V MUD RESISTANT



Halogen Free Low Smoke Mud Resistant, Collective Screened and Armoured Instrumentation Cables

### Type Approval Certificates

- American Bureau of Shipping
- Det Norske Veritas-Germanischer Lloyd
- Lloyd's Register

### Application

For installation in offshore applications with special performances on flame spread and low emission of smoke and fumes. Halogen free, oil and mud resistant

**Colour:** Grey / Blue

### Test Performance

Flame Retardant : IEC 60332-1-2, 60332-3-22 Category A  
 Smoke Emission : IEC 61034-1/2  
 Halogen free properties : IEC 60754-1/2

### Standards

Construction and Design : IEC 60228, IEC 60092-350, IEC 60092-376, NEK 606:2004  
 Materials : IEC 60092-351, IEC 60092-359

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
<b>250V 0.75mm<sup>2</sup></b>				
2 x 2 x 0.75	15.0	340	A4430221	
4 x 2 x 0.75	17.2	450	A4430421	
8 x 2 x 0.75	21.1	670	A4430821	
12 x 2 x 0.75	24.4	910	A4431221	
16 x 2 x 0.75	27.2	1130	A4431621	
24 x 2 x 0.75	34.9	1760	A4432421	
<b>250V 1.5mm<sup>2</sup></b>				
2 x 2 x 1.5	17.4	460	A4430223	
4 x 2 x 1.5	20.2	630	A4430423	
8 x 2 x 1.5	25.1	1000	A4430823	
12 x 2 x 1.5	29.2	1360	A4431223	
16 x 2 x 1.5	32.7	1700	A4431623	
24 x 2 x 1.5	39.4	2490	A4432423	
32 x 2 x 1.5	42.5	3000	A4433223	
<b>250V 1.5mm<sup>2</sup> (Blue)</b>				
2 x 2 x 1.5 (Blue)	17.4	460	A4460223	
4 x 2 x 1.5 (Blue)	20.2	630	A4460423	
8 x 2 x 1.5 (Blue)	25.1	1000	A4460823	

## P3/P10 RFOU 6/10kV MUD RESISTANT



Halogen Free Low Smoke Mud Resistant Armoured Power Cables

### Type Approval Certificates

- American Bureau of Shipping
- Det Norske Veritas-Germanischer Lloyd
- Lloyd's Register

### Application

For installation in offshore applications with special performances on flame spread and low emission of smoke and fumes. Halogen free, oil and mud resistant

**Colour:** Red

### Test Performance

Flame Retardant : IEC 60332-1-2, 60332-3-22 Category A  
 Smoke Emission : IEC 61034-1/2  
 Halogen free properties : IEC 60754-1/2

### Standards

Construction and Design : IEC 60228, IEC 60092-350, IEC 60092-354, NEK 606:2004  
 Materials : IEC 60092-351, IEC 60092-359

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
1 x 70	30.3	1700	A4481078	
1 x 150	36.3	2750	A4481150	
1 x 185	38.7	3290	A4481185	
1 x 240	41.6	4020	A4481240	
1 x 300	44.3	4730	A4481300	
3 x 25	50.0	3830	A4483025	

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code	Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
3 x 35	52.9	4370	A4483035		12 x 1.5	25.1	854	A4516121	
3 x 70	60.6	6130	A4483070		12 x 2.5	27	1060	A4516122	
3 x 95	65	7380	A4483096		16 x 1.5	27.6	1050	A4516161	
3 x 120	68.7	8550	A4483120		19 x 1.5	29	1158	A4516191	
3 x 150	72.5	9760	A4483150		24 x 1.5	34.6	1634	A4516241	
					24 x 2.5	37.3	2023	A4516242	
					37 x 1.5	39.2	2141	A4516371	
					37 X 2.5	42.4	2684	A4516372	

## P5/P12 BFOU 0.6/1kV MUD/FIRE RESISTANT



Halogen Free Low Smoke Mud Resistant Fire Resistant Armoured Power Cables

### Application

For installation in offshore applications with special performances on flame spread and low emission of smoke and fumes. Halogen free, fire, oil and mud resistant

Colour: Black

### Type Approval Certificates

- American Bureau of Shipping
- Det Norske Veritas-Germanischer Lloyd
- Lloyd's Register

### Test Performance

Fire Resistant : IEC 60331  
 Flame Retardant : IEC 60332-3-22 Category A  
 Smoke Emission : IEC 61034-1/2  
 Halogen free properties : IEC 60754-1/2

### Standards

Construction and Design : IEC 60228, IEC 60092-350, IEC 60092-353, NEK 606:2004  
 Materials : IEC 60092-351, IEC 60092-359

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
2 x 1.5	15.1	310	A4512001	
2 x 2.5	16	370	A4512002	
2 x 4	17.1	440	A4512004	
2 x 6	18.4	520	A4512006	
2 x 10	20.4	680	A4512010	
2 x 16 (CL.5)	22.7	880	A4512017	
2 x 25 (CL.5)	26.5	1260	A4512026	
2 x 35 (CL.5)	29	1570	A4512036	
2 x 50	33.3	2050	A4512050	
2 x 70 (CL.5)	37.7	2820	A4512071	
2 x 95	42.8	3690	A4512095	
2 x 120 (CL.5)	46.7	4470	A4512121	
2 x 150	51.1	5380	A4512150	
2 x 185	56.4	6610	A4512185	
2 x 240	63.3	8470	A4512240	
2 x 300	69.4	10350	A4512300	
3 x 1.5	15.8	331	A4513001	
3 x 2.5	16.8	387	A4513002	
3 x 4	18	466	A4513004	
3 x 6	19.4	575	A4513006	
3 x 10	21.6	776	A4513010	
3 x 16 (CL.5)	24	1052	A4513017	
3 x 25 (CL.5)	28.1	1502	A4513026	
3 x 35 (CL.5)	30.8	1899	A4513036	
3 x 50 (CL.5)	35.8	2638	A4513051	
3 x 70 (CL.5)	40.1	3475	A4513071	
3 x 95 (CL.5)	46	4645	A4513096	
3 x 120 (CL.5)	49.7	5613	A4513121	
3 x 150 (CL.5)	54.5	6785	A4513151	
3 x 240 (CL.5)	67.6	10794	A4513241	
4 x 1.5	17	419	A4514001	
4 x 2.5	18.1	491	A4514002	
5 x 1.5	18.3	459	A4515001	
5 x 2.5	19.5	551	A4515002	
7 x 1.5	19.7	544	A4516071	
7 x 2.5	21.1	653	A4516072	
10 x 1.5	24.4	801	A4516101	
10 x 2.5	26.2	981	A4516102	

## BFOU(I/C) 250V MUD/FIRE RESISTANT



Halogen Free Low Smoke Mud Resistant Fire Resistant, Individual and Collective Screened and Armoured Instrumentation Cables

### Application

For installation in offshore applications with special performances on flame spread and low emission of smoke and fumes. Halogen free, fire, oil and mud resistant

Colour: Grey / Blue

### Type Approval Certificates

- American Bureau of Shipping
- Det Norske Veritas-Germanischer Lloyd
- Lloyd's Register

### Test Performance

Fire Resistant : IEC 60331  
 Flame Retardant : IEC 60332-3-22 Category A  
 Smoke Emission : IEC 61034-1/2  
 Halogen free properties : IEC 60754-1/2

### Standards

Construction and Design : IEC 60228, IEC 60092-353, IEC 60092-376, NEK 606:2004  
 Materials : IEC 60092-351, IEC 60092-359

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
<b>250V 0.75mm<sup>2</sup></b>				
2 x 2 x 0.75	17.7	440	A4520221	
4 x 2 x 0.75	20.2	560	A4520421	
8 x 2 x 0.75	25.0	730	A4520821	
12 x 2 x 0.75	29.0	960	A4521221	
16 x 2 x 0.75	32.4	1180	A4521621	
24 x 2 x 0.75	39.0	1770	A4522421	
<b>250V 1.5mm<sup>2</sup></b>				
2 x 2 x 1.5	20.2	560	A4520223	
4 x 2 x 1.5	23.2	720	A4520423	
7 x 2 x 1.5	26.2	1010	A4520723	
8 x 2 x 1.5	28.9	990	A4520823	
12 x 2 x 1.5	34.3	1340	A4521223	
16 x 2 x 1.5	38.7	1800	A4521623	
19 x 2 x 1.5	39.5	2040	A4521923	
24 x 2 x 1.5	46.1	2520	A4522423	
1 x 3 x 1.5	15	340	A4520133	
8 x 3 x 1.5	33.3	1330	A4520833	
12 X 3 X 1.5	36.4	1820	A4521233	
16 x 3 x 1.5	43.1	2280	A4521633	
<b>250V 1.5mm<sup>2</sup> (Blue)</b>				
2 x 2 x 1.5 (Blue)	20.2	560	A4550223	
4 x 2 x 1.5 (Blue)	23.2	790	A4550423	
<b>250V 2.5mm<sup>2</sup></b>				
1 x 2 x 2.5	15.1	340	A4520124	
2 x 2 x 2.5	21.8	670	A4520224	
<b>250V 2.5mm<sup>2</sup></b>				
4 x 2 x 2.5	25.1	870	A4520424	
7 x 2 x 2.5	26.5	890	A4520724	
12 x 2 x 205	34.3	1340	A4521224	

## S4/S8 BFOU(C) 250V MUD/FIRE RESISTANT



Halogen Free Low Smoke Mud Resistant Fire Resistant, Collective Screened and Armoured Instrumentation Cables

### Type Approval Certificates

- American Bureau of Shipping  
- Det Norske Veritas-Germanischer Lloyd  
- Lloyd's Register

### Application

For installation in offshore applications with special performances on flame spread and low emission of smoke and fumes. Halogen free, fire, oil and mud resistant

Colour: Grey

### Test Performance

Fire Resistant : IEC 60331  
Flame Retardant : IEC 60332-3-22 Category A  
Smoke Emission : IEC 61034-1/2  
Halogen free properties : IEC 60754-1/2

### Standards

Construction and Design Materials : IEC 60228, IEC 60092-353, IEC 60092-376, NEK 606:2004  
: IEC 60092-351, IEC 60092-359

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
<b>250V 0.75mm<sup>2</sup></b>				
2 x 2 x 0.75	17.4	430	A4530221	
4 x 2 x 0.75	19.5	550	A4530421	
7 x 2 x 0.75	22.9	750	A4530721	
8 x 2 x 0.75	24.2	840	A4530821	
12 x 2 x 0.75	28.0	1110	A4531221	
16 x 2 x 0.75	31.4	1390	A4531621	
24 x 2 x 0.75	37.3	1980	A4532421	
<b>250V 1.5mm<sup>2</sup></b>				
1 x 2 x 1.5	14.1	300	A4530123	
2 x 2 x 1.5	20.3	600	A4530223	
4 x 2 x 1.5	23.1	790	A4530423	
7 x 2 x 1.5	26.4	1040	A4530723	
8 x 2 x 1.5	28.9	1230	A4530823	
12 x 2 x 1.5	34.2	1710	A4531223	
16 x 2 x 1.5	38.8	2270	A4531623	
24 x 2 x 1.5	46.2	3140	A4532423	
1 x 3 x 1.5	12.8	240	A4530133	
4 x 3 x 1.5	21.15	670	A4530433	
8 x 3 x 1.5	28	1120	A4530833	

## S3/S7 BFOU(I) 250V MUD/FIRE RESISTANT



Halogen Free Low Smoke Mud Resistant Fire Resistant, Individually Screened and Armoured Instrumentation Cables

### Type Approval Certificates

- American Bureau of Shipping  
- Det Norske Veritas-Germanischer Lloyd  
- Lloyd's Register

### Application

For installation in offshore applications with special performances on flame spread and low emission of smoke and fumes. Halogen free, fire, oil and mud resistant

Colour: Grey / Blue

### Test Performance

Fire Resistant : IEC 60331  
Flame Retardant : IEC 60332-3-22 Category A  
Smoke Emission : IEC 61034-1/2  
Halogen free properties : IEC 60754-1/2

### Standards

Construction and Design Materials : IEC 60228, IEC 60092-353, IEC 60092-376, NEK 606:2004  
: IEC 60092-351, IEC 60092-359

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
<b>250V 0.75mm<sup>2</sup></b>				
1 x 2 x 0.75	11.9	190	A4540121	
1 x 3 x 0.75	12.6	230	A4540131	
2 x 2 x 0.75	17.3	420	A4540221	
4 x 2 x 0.75	19.7	540	A4540421	
<b>250V 1.5mm<sup>2</sup></b>				
1 x 2 x 1.5	13.9	280	A4540123	
1 x 3 x 1.5	14.6	320	A4540133	

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
2 x 2 x 1.5	20.1	560	A4540223	
4 x 2 x 1.5	23.0	720	A4540423	
8 x 2 x 1.5	28.7	1140	A4540823	
12 x 2 x 1.5	34.5	1690	A4541223	
<b>250V 2.5mm<sup>2</sup></b>				
1 x 2 x 2.5	15	350	A4540124	
<b>250V 1.5mm<sup>2</sup> (Blue)</b>				
1 x 2 x 1.5 (Blue)	13.9	280	A4570123	
1 x 3 x 1.5 (Blue)	14.6	320	A4570133	
2 x 2 x 1.5 (Blue)	20.1	560	A4570223	
4 x 3 x 1.5 (Blue)	24.8	920	A4570433	
<b>250V 2.5mm<sup>2</sup> (Blue)</b>				
7 x 3 x 2.5 (Blue)	33.7	1780	A4570734	

## Industrial Cables

### LITTLEFLEX H07RN-F 450/750V NEOPRENE CABLES



Flexible Rubber Insulated and Sheathed Cables. Tools and Machinery against Mechanical Stress in Dry or Wet Areas

### Type Approval Certificates

- American Bureau of Shipping

### Application

For shore supply, motors, generators and other applications

### HD308 Core Identification:

Single Core : Black  
2 Core : Blue, Brown  
3 Core : Blue, Brown, Green/Yellow  
4 Core : Grey, Brown, Green/Yellow, Black  
5 Core : Blue, Grey, Brown, Green/Yellow, Black

### Reference Standard:

- IEC 60502-1 : 0.6/1KV Rubber Insulated Flexible Cables

### Construction:

- Tinned stranded annealed copper conductors, Class 5  
- 750V Ethylene Propylene (EPR) rubber insulated  
- Polychloroprene (PCP) sheathed maximum conductor temperature of 90°C

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	Current Rating (A)	BH Code	IMPA Code
1 x 1.5	5.7	49	23	A8011002	794112*
1 x 2.5	6.4	65	32	A8011003	794113*
1 x 4	7.3	89	43	A8011004	794114*
1 x 6	7.9	114	56	A8011006	794115*
1 x 10	9.8	178	77	A8011010	794116*
1 x 16	11.1	254	102	A8011016	794117*
1 x 25	12.9	363	136	A8011025	
1 x 35	14.3	469	168	A8011035	
1 x 50	16.8	644	203	A8011050	
1 x 70	19	821	254	A8011070	
1 x 95	21.9	1091	315	A8011095	
1 x 120	23.4	1390	363	A8011120	
1 x 150	26	1740	416	A8011150	
1 x 185	29.1	2098	475	A8011185	
1 x 240	31.2	2736	559	A8011240	
1 x 300	35.4	3326	637	A8011300	
1 x 400	38.1	4461	746	A8011400	
1 x 500	43.5	5614	854	A8011500	
2 x 1	7.9	89	18	A8012001	
2 x 1.5	8.9	122	23	A8012002	794122*
2 x 2.5	10.6	163	32	A8012003	794123*
2 x 4	12.1	238	43	A8012004	794124*

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	Current Rating (A)	BH Code	IMPA Code	Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	Current Rating (A)	BH Code	IMPA Code
2 x 6	13.7	314	56	A8012006	794125*	12 x 1.5	18.2	484	23	A8016122	
2 x 10	18.9	457	77	A8012010	794126*	12 x 2.5	21.4	697	32	A8016123	
2 x 25	25.3	988	102	A8012025		12 x 4	25	988	43	A8016124	
2 x 50	31.2	1761	203	A8012050		16 x 1.5	20	603	23	A8016162	
2 x 95	40	2997	315	A8012095		16 x 2.5	23.8	886	32	A8016163	
3 x 1	8.5	107	18	A8013001		18 x 1.5	21.3	684	23	A8016182	
3 x 1.5	9.5	141	23	A8013002	794132*	18 x 2.5	25.3	1001	32	A8016183	
3 x 2.5	11.3	192	32	A8013003	794133*	19 x 1.5	22	722	23	A8016192	
3 x 4	13	276	43	A8013004	794134*	19 x 2.5	26.2	1062	32	A8016193	
3 x 4 (Untinned)	13	276	43	A8013004C		24 x 1.5	24.9	888	23	A8016242	
3 x 6	15	384	56	A8013006	794135*	24 x 2.5	29.8	1313	32	A8016243	
3 x 10	20.2	566	77	A8013010	794136*	27 x 1.5	25.4	954	23	A8016272	
3 x 16	23.1	838	102	A8013016	794137*						
3 x 25	27.1	1224	136	A8013025							
3 x 35	29.3	1603	168	A8013035							
3 x 50	35.2	2237	203	A8013050							
3 x 70	39.7	2830	254	A8013070							
3 x 95	46.1	3823	315	A8013095							
3 x 120	49	4831	363	A8013120							
3 x 150	54.7	6120	416	A8013150							
4 x 1	9.4	131	18	A8014001							
4 x 1.5	10.4	185	23	A8014002	794142*						
4 x 2.5	12.5	237	32	A8014003	794143*						
4 x 4	14.3	350	43	A8014004	794144*	2 x 0.75	6.1	56	6	A8012000	794121
4 x 6	16.3	476	56	A8014006	794145*	3 x 0.75	6.7	69	6	A8013000	794131
4 x 10	22.1	707	77	A8014010	794146*	4 x 0.75	-	-	6	A8014000	794141
4 x 16	25.3	1060	102	A8014016	794147*						
4 x 25	30.1	1562	136	A8014025							
4 x 35	32.5	2031	168	A8014035							
4 x 50	39	2836	203	A8014050							
4 x 70	44.2	3611	254	A8014070							
4 x 95	21.6	4875	315	A8014095							
4 x 120	54.4	6191	363	A8014120							
4 x 150	60.9	7807	416	A8014150							
5 x 1.5	11.5	254	23	A8015002							
5 x 2.5	13.7	337	32	A8015003							
5 x 4	15.9	445	43	A8015004		0.75(Black)	2.7	12	7	A8110001	794151
5 x 6	18.1	578	56	A8015006		0.75(Blue)	2.7	12	7	A8110002	
5 x 10	24.3	867	77	A8015010		0.75(Red)	2.7	12	7	A8110003	
5 x 16	28	1291	102	A8015016		0.75(Yellow)	2.7	12	7	A8110004	
5 x 25	33.3	1918	136	A8015025		0.75(Grey)	2.7	12	7	A8110005	
5 x 35	35.2	2499	168	A8015035		0.75(Brown)	2.7	12	7	A8110006	
5 x 50	41.4	3507	203	A8015050		0.75(White)	2.7	12	7	A8110007	
5 x 70	46	4459	254	A8015070		0.75(G/Y)	2.7	12	7	A8110008	
5 x 95	53	6064	315	A8015095		1(Black)	2.8	15	13	A8110011	
7 x 1.5	14.8	327	23	A8016072		1(Blue)	2.8	15	13	A8110012	
7 x 2.5	17.5	471	32	A8016073		1(Red)	2.8	15	13	A8110013	
7 x 4	20.1	650	43	A8016074		1(Yellow)	2.8	15	13	A8110014	
7 x 6	22.4	855	56	A8016075		1(Grey)	2.8	15	13	A8110015	
8 x 1.5	16.2	395	23	A8016082		1(Brown)	2.8	15	13	A8110016	
9 x 1.5	17.3	403	23	A8016092		1(White)	2.8	15	13	A8110017	
9 x 2.5	20.6	587	32	A8016093		1(G/Y)	2.8	15	13	A8110018	

### LITTLEFLEX H05RN-F 300/500V NEOPRENE CABLE



EPR Insulated and Neoprene Rubber Sheathed Flexible Cord

#### Type Approval Certificates

- American Bureau of Shipping

#### Application

For use in light mobile appliances which are subject to mechanical stresses

#### Specifications & Standards:

- HD 22.4 S3
- BS 6500
- DIN VDE 0282-4
- NFC 32-102-4

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	Current Rating (A)	BH Code	IMPA Code
2 x 0.75	6.1	56	6	A8012000	794121
3 x 0.75	6.7	69	6	A8013000	794131
4 x 0.75	-	-	6	A8014000	794141

### H05V-K 300/500V PVC CABLE



60227-3 IEC06 / H05V-K 300/500V PVC Insulated Flexible Wire

#### Application

For installation on switch boards, panel boards and control apparatus

#### Standard:

- IEC 60227-3

#### Construction:

- Flexible Stranded Annealed Copper, Class 5

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	Current Rating (A)	BH Code	IMPA Code
0.75(Black)	2.7	12	7	A8110001	794151
0.75(Blue)	2.7	12	7	A8110002	
0.75(Red)	2.7	12	7	A8110003	
0.75(Yellow)	2.7	12	7	A8110004	
0.75(Grey)	2.7	12	7	A8110005	
0.75(Brown)	2.7	12	7	A8110006	
0.75(White)	2.7	12	7	A8110007	
0.75(G/Y)	2.7	12	7	A8110008	
1(Black)	2.8	15	13	A8110011	
1(Blue)	2.8	15	13	A8110012	
1(Red)	2.8	15	13	A8110013	
1(Yellow)	2.8	15	13	A8110014	
1(Grey)	2.8	15	13	A8110015	
1(Brown)	2.8	15	13	A8110016	
1(White)	2.8	15	13	A8110017	
1(G/Y)	2.8	15	13	A8110018	

## H07V-K 450/750V PVC CABLE



60227-3 IEC02 / H07V-K 450/750V PVC Insulated Flexible Wire

### Application

For installation on switch boards, panel boards and control apparatus

### Standard:

- IEC 60227-3

### Construction:

- Flexible Stranded Annealed Copper, Class 5

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	Current Rating (A)	BH Code	IMPA Code
1.5(Black)	3.4	30	23	A8110021	794152*
1.5(Blue)	3.4	30	23	A8110022	
1.5(Red)	3.4	30	23	A8110023	
1.5(Yellow)	3.4	30	23	A8110024	
1.5(Grey)	3.4	30	23	A8110025	
1.5(Brown)	3.4	30	23	A8110026	
1.5(White)	3.4	30	23	A8110027	
1.5(G/Y)	3.4	30	23	A8110028	
2.5(Black)	4.1	40	32	A8110031	794153*
2.5(Blue)	4.1	40	32	A8110032	
2.5(Red)	4.1	40	32	A8110033	
2.5(Yellow)	4.1	40	32	A8110034	
2.5(Grey)	4.1	40	32	A8110035	
2.5(White)	4.1	40	32	A8110037	
2.5(G/Y)	4.1	40	32	A8110038	
4(Black)	4.8	50	43	A8110041	794154*
4(Blue)	4.8	50	43	A8110042	
4(Red)	4.8	50	43	A8110043	
4(Yellow)	4.8	50	43	A8110044	
4(White)	4.8	50	43	A8110047	
4(G/Y)	4.8	50	43	A8110048	
6(Black)	5.3	80	56	A8110061	794155*
6(Blue)	5.3	80	56	A8110062	
6(Red)	5.3	80	56	A8110063	
6(Yellow)	5.3	80	56	A8110064	
6(G/Y)	5.3	80	56	A8110068	
10(Black)	6.8	130	77	A8110101	794156*
10(Blue)	6.8	130	77	A8110102	
10(Red)	6.8	130	77	A8110103	
10(Yellow)	6.8	130	77	A8110104	
10(G/Y)	6.8	130	77	A8110108	
16(Black)	8.1	180	102	A8110161	794157*
16(Blue)	8.1	180	102	A8110162	
16(Red)	8.1	180	102	A8110163	
16(Yellow)	8.1	180	102	A8110164	
16(G/Y)	8.1	180	102	A8110168	
25(Black)	10.2	280	136	A8110251	794158*
25(Red)	10.2	280	136	A8110253	
25(G/Y)	10.2	280	136	A8110258	
35(Black)	11.7	370	168	A8110351	794159*
35(G/Y)	11.7	370	168	A8110358	
50(Black)	13.9	500	203	A8110501	
50(G/Y)	13.9	500	203	A8110508	794160*
70(Black)	16	700	254	A8110701	
70(G/Y)	16	700	254	A8110708	
95(Black)	18.2	970	315	A8110951	794161*
95(G/Y)	18.2	970	315	A8110958	

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	Current Rating (A)	BH Code	IMPA Code
120(Black)	20.2	1200	363	A8111201	
120(G/Y)	20.2	1200	363	A8111208	
150(Black)	22.5	1490	416	A8111501	
150(G/Y)	22.5	1490	416	A8111508	
185(Black)	24.9	1850	475	A8111851	
185(G/Y)	24.9	1850	475	A8111858	
240(Black)	28.4	2440	559	A8112401	
240(G/Y)	28.4	2440	559	A8112408	

## H05VV-F 300/500V PVC CABLE



60227-5 IEC53 / H05VV-F 300/500V PVC Flexible Circular Cord

### Application

For use in electrical, electron, sound, lighting etc. electrical home apparatus

### Standard:

- IEC 60227-5

### Construction:

- Flexible Stranded Annealed Copper, Class 5

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	Current Rating (A)	BH Code	IMPA Code
2 x 0.75(Grey)	7.2	51	6	A8142005	794166
2 x 1(Grey)	7.5	57	10	A8142015	
2 x 1.5(Black)	8.6	78	16	A8142021	794167*
2 x 1.5(Grey)	8.6	78	16	A8142025	
2 x 1.5(White)	8.6	78	16	A8142027	
2 x 1.5(Orange)	8.6	78	16	A8142029	
2 x 2.5(Grey)	10.6	122	25	A8142035	794168*
3 x 0.75(Black)	7.6	61	6	A8143001	
3 x 0.75(Grey)	7.6	61	6	A8143005	794176
3 x 1(Grey)	8.0	69	10	A8143015	
3 x 1.5(Black)	9.4	98	16	A8143021	794177*
3 x 1.5(Grey)	9.4	98	16	A8143025	
3 x 1.5(White)	9.4	98	16	A8143027	
3 x 1.5(Orange)	9.4	98	16	A8143029	
3 x 2.5(Black)	11.4	153	25	A8143031	794178*
3 x 2.5(Grey)	11.4	153	25	A8143035	
3 x 2.5(White)	11.4	153	25	A8143037	
3 x 2.5(Orange)	11.4	153	25	A8143039	
3 x 4(Black)	13	209	32	A8143041	794179*
3 x 4(Grey)	13	209	32	A8143045	
3 x 6(Grey)	-	-	42	A8143065	794180*
4 x 1.5(Black)	10.5	124	16	A8144021	794187*
4 x 1.5(Grey)	10.5	124	16	A8144025	
4 x 2.5(Black)	12.5	187	25	A8144031	794188*
4 x 2.5(Grey)	12.5	187	25	A8144035	
4 x 4(Grey)	14	257	32	A8144045	794189*
4 x 6(Grey)	-	-	42	A8144065	794190*

## VCTF 300/500V PVC CABLE



60227-7 IEC75 / VCTF - Control Cable 300/500V PVC/PVC Flexible Control Cable

### Certificate

- Korean Industrial Standards  
- Safety Certification for Electric and Electronic Appliance

### Application

For interconnection of parts of machines used for manufacturing purpose, including machine tools and mechanical handling equipment

### Standard:

- KS C 3602

### Construction:

- Flexible Stranded Annealed Copper, Class 5

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	Current Rating (A)	BH Code	IMPA code
2 x 0.75	7.2	119	7	A8152001	794166



Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	Current Rating (A)	BH Code	IMPA code
2 x 0.75(Grey)	7.2	119	7	A8152005	
2 x 1.25	10.4	128	12	A8152011	794167
2 x 2	11.4	159	17	A8152021	794168
2 x 3.5	13.4	219	23	A8152031	794169
3 x 0.75	7.6	139	7	A8153001	794176
3 x 0.75(Grey)	7.6	139	7	A8153005	
3 x 1.25	10.4	159	12	A8153011	794177
3 x 1.25(Grey)	10.4	159	12	A8153015	
3 x 2	11.4	199	17	A8153021	794178
3 x 2(Grey)	11.4	199	17	A8153025	
3 x 3.5	13.4	279	23	A8153031	794179
3 x 5.5	15.9	369	35	A8153051	794180
4 x 0.75	8.3	169	7	A8154001	794186
4 x 1.25	10.4	189	12	A8154011	794187
4 x 2	11.4	239	17	A8154021	794188
4 x 3.5	13.4	339	23	A8154031	794189

## SIHF 300/500V SILICONE CABLES



Silicone Multicore Cable, Flexible, Halogen Free

### Application

Silicone rubber insulated cables are intended for use wherever insulation is subjected to extreme temperature changes with heat resistant up to 180°C

### Specifications & Standards:

- DIN VDE 0250-816

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	Current Rating (A)	BH Code	IMPA Code
2 x 1.5	7.4	73	16	A8212002	
2 x 2.5	9	110	25	A8212003	
3 x 1.5	7.8	89	16	A8213002	
3 x 2.5	9.5	136	25	A8213003	
4 x 1.5	8.7	112	16	A8214002	

## SGW HEAT RESISTANT CABLE



Silicone Insulated, G/F Braided Heat Resistant Cables at 180°C

### Constructions:

- Tinned annealed copper conductor, Class 5
- Silicone rubber insulation
- Glass fiber braiding
- Silicone coated

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	Current Rating (A)	BH Code	IMPA Code
0.75	2.4±0.2	-	7	A8240007	
1.5	2.7±0.2	-	26	A8240015	794226*
2.5	3.4±0.2	-	36	A8240025	794227*
4.0	4.6±0.3	-	49	A8240040	794228*
6.0	5.6±0.3	-	63	A8240060	794229*
10	6.8±0.3	-	86	A8240100	
16	8.0±0.3	-	115	A8240160	
25	10.2±0.5	-	149	A8240250	
35	12.3±0.5	-	185	A8240350	

## VCTFB 300/500V PVC SCREENED CABLE



PVC Insulated and PVC Sheathed Flexible Power Cable with Copper Wire Braided Shield

### Application

For interconnection of parts of machines used for manufacturing purpose, including machine tools and mechanical handling equipment

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	Current Rating (A)	BH Code	IMPA Code
2 x 0.5	6.1	-	3	A8160205	794237
2 x 0.75	7.3	-	6	A8160207	794238
2 x 1.25	-	-	12	A8160212	794239
2 x 2	-	-	17	A8160220	
3 x 0.5	6.4	-	3	A8160305	794242
3 x 1	8.1	-	6	A8160310	
3 x 1.25	-	-	12	A8160312	794244
3 x 2	-	-	17	A8160320	
4 x 0.5	6.9	-	3	A8160405	794247
4 x 1.25	-	-	12	A8160412	794249
4 x 2	-	-	17	A8160420	
6 x 0.5	8.2	-	3	A8160605	
8 x 0.5	8.8	-	3	A8160805	
10 x 0.5	10.3	-	3	A8161005	

## H01N2-D WELDING CABLE



Neoprene Insulated Welding Cables

### Application

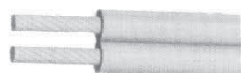
For welding equipment and accessories. Suitable for use in dry and damp conditions, outdoors and indoors

### Specifications & Standards:

- BS 638
- DIN VDE 0282-6
- NFC 32-510

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	Rated Current at 30% Duty Cycle (A)	BH Code	IMPA Code
16	8.8	254	190	A8060016	
25	8.9	259	245	A8050025	794101*
35	10.3	355	310	A8050035	794102*
50	12.3	512	400	A8050050	794103*
70	14	706	495	A8050070	
95	16.6	942	600	A8050095	794104*

## VFF 300V PVC PARALLEL CABLE



PVC Sheathed 300V or less

### Application

Designed as lighting cord and for indoor wiring

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Cable Construction (mm)	Approx Net Weight of Cables (kg/km)	Current Rating (A)	BH Code	IMPA Code
0.5	0.18 x 20	-	-	A8180005	794201
0.75	0.18 x 30	-	-	A8180007	794202
1.25	0.18 x 50	-	-	A8180012	794203
2.0	0.26 x 37	-	-	A8180020	794204

## NSHTOU 0.6/1kV TRAILING CABLE



Flame Retardant, Oil Resistant Trailing Cables

### Application

For use in high mechanical stress, especially for applications with frequent winding and unwinding simultaneous tensile and torsion stress. Suitable for outdoor installation in dry, damp and wet places

**Specifications & Standards:**  
- DIN VDE 0250-4

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	Current Rating (A)	BH Code	IMPA Code
4 x 4	18.5	463	43	A8034004	
4 x 16	28	1242	102	A8034016	
4 x 25	33.2	1821	136	A8034025	

## Data and Communication Cables

### CLASS APPROVAL COAXIAL CABLE



- Marine Class Approval

### Certificate

- Det Norske Veritas-Germanischer Lloyd

### Application

Fixed, mechanically protected installation on and below deck of commercial ships with class approvals

**Specifications & Standards:**  
- IEC 60092-359

**Test Performances:**  
- IEC 60096-0-1 - IEC 60332-3-24  
- IEC 60754-2 - IEC 61034-1/2

Type	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	Nominal Impedance at 200MHZ (Ω)	BH Code	IMPA Code
RG6 SHF1	8.5	115	75	A7010006	
RG11 SHF1	10.3	150	75	A7010011	
RG58 SHF1	5	41	50	A7010058	
RG59 SHF1	6.2	57	75	A7010059	
RG213 SHF1	10.3	166	50	A7010213	
RG214 SHF1	10.8	211	50	A7010214	

### CLASS APPROVAL CAT 7 LAN CABLE



- Marine Class Approval

### Certificate

- Det Norske Veritas-Germanischer Lloyd

### Application

Flexible installation on and below deck of commercial ships with class approvals

**Specifications & Standards:**  
- DNV TAP 6-800

**Test Performances:**  
- IEC 60332-3-24 - IEC 61034-1 & 2  
- IEC 60754-1 & 2 - EN 50290-2-23

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
4 x 2 x AWG 23/7 PiMF	8	97	A7020007	



- Marine Class Approval  
- Mud Resistant

**Specifications & Standards:**  
- DNV TAP 6-800  
- NEK 606 Ed. 4

**Test Performances:**  
- IEC 60332-3-22 - IEC 60754-1 & 2  
- IEC 61034-1/2

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
4 x 2 x AWG 23/7	10	120	A7220007	

### CLASS APPROVAL CAN BUS CABLE



- Marine Class Approval

### Certificate

- Det Norske Veritas-Germanischer Lloyd

### Application

Flexible installation on and below deck of commercial ships with class approvals

### Specifications & Standards:

- EN 50305  
- DIN VDE 0472 Part 805 B

### Test Performances:

- IEC 61034-1 & 2 - IEC 60332-3-22  
- IEC 60754-1 & 2 - IEC 60332-1  
- IEC 61158-2 ed. 1

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
1 x 2 x 0.7/0.75	11.1	200	A7120010	
2 X 2 X 0.75/0.75	10.5	245	A7120020	

### CLASS APPROVAL PROFIBUS CABLE



- Marine Class Approval

### Certificate

- Det Norske Veritas-Germanischer Lloyd

### Application

Flexible installation on and below deck of commercial ships with class approvals

### Specifications & Standards:

- EN 50305  
- DIN VDE 0472 Part 805 B

### Test Performances:

- IEC 61034-1 & 2 - IEC 60332-1  
- IEC 60754-1 & 2 - IEC 61158-2 ed. 1

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
1 x 2 x 0.35 SHF2 9 (Black)	8.6	95	A7120025	

### QFCI FIBRE OPTIC CABLE (SHF-1)



- Marine Class Approval

### Certificate

- American Bureau of Shipping  
- Det Norske Veritas-Germanischer Lloyd

### Application

For use in vital communication and emergency systems that need to be operational during fire. Suitable for indoor and outdoor

### Specifications & Standards:

- IEC60331-25  
- IEC60332-3-24  
- IEC60332-3-24

### Test Performances:

- IEC 60811-2-1 - IEC 60331-25  
- IEC60332-3-24 - IEC 60794-1-1  
- IEC 60754-1 - IEC 61034-1  
- IEC 61034-2

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
MM G4-62.5/125	13.5	260	A7030004	
MM G8-62.5/125	13.5	260	A7030008	
MM G12-62.5/125	13.5	260	A7030012	
MM G24-62.5/125	13.5	260	A7030024	
MM G4-50/125	13.5	260	A7040004	
SMR G4-9/125	13.5	260	A7050004	
SMR G12-9/125	13.5	260	A7050012	
MR G24-9/125	13.5	260	A7050024	
MM OM3 G4-50/125	13.5	260	A7060004	
MM OM3 G12-50/125	13.5	260	A7060012	



## QFCI FIBRE OPTIC CABLE (MUD RESISTANT)

- Marine Class Approval
- Mud Resistant

### Certificate

- American Bureau of Shipping
- Det Norske Veritas-Germanischer Lloyd

### Specifications & Standards:

IEC 60794-1-2

### Application

For use in vital communication and emergency systems that need to be operational during fire. Suitable for indoor and outdoor

### Test Performances:

- IEC 60331-25
- IEC 60332-3 cat A & C
- IEC 60754/2
- IEC 61034
- IEC 60754-1

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
MM G4-62.5/125	16.5	325	A7230004	
MM G8-62.5/125	16.5	325	A7230008	

## AICI FIBRE OPTIC CABLE (SHF-1)

- Marine Class Approval

### Certificate

- American Bureau of Shipping
- Det Norske Veritas-Germanischer Lloyd

### Specifications & Standards:

IEC 60794-1-2

### Application

For industrial environments. Suitable for both indoor and outdoor use, continuous submergence in water is not recommended

### Test Performances:

- IEC 60332-1
- IEC 60332-3-24 cat C
- IEC 60754-1
- IEC 60332-3-22 cat A
- IEC 61034
- IEC 60754-2

Number of Cross Sectional Area of Conductor (mm <sup>2</sup> )	Max Overall Diameter (mm)	Approx Net Weight of Cables (kg/km)	BH Code	IMPA Code
MM OM3 G4-50/125	8.2	90	A7300004	
MM OM3 G8-50/125	9.4	125	A7230008	
MM OM3 G12-50/125	10.3	145	A7300012	
MM OM3 G24-50/125	12.1	185	A7300024	
MM G4-62.5/125	8.2	90	A7330004	
MM G12-62.5/125	10.3	145	A7330012	
MM G8-50/125	9.4	125	A7340008	
MM G8-50/125	9.4	125	A7340008	
MM G24-50/125	12.1	185	A7340024	
SMR G4-9/125	8.2	90	A7350004	
SMR G12-9/125	10.3	145	A7350012	

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## Search Lights

### SANSHIN S.STEEL SUEZ CANAL SEARCH LIGHT



BH Code	Type	Voltage	Current/ watts	IMPA Code
B1080500	SCS-50PS INCANDESCENT TYPE	100 - 220V	2K/3KW	370501-06
B1080501	SCS-50PH SEARCHLIGHT HALOGEN TYPE	100 - 220V	2KW	370511-13
B1080502	SCS-50PS SPARE FRONT GLASS	-	-	
B1080503	SCS-50PS SPARE REFLECTOR	-	-	
B1080504	G19/54 LAMP HOLDER	-	-	

### SANSHIN SIGNALLING SEARCH LIGHT



BH Code	Type	Voltage	Current/ watts	IMPA Code
B1081300	BDS-30SUA	110/240V	1KW	

### SANSHIN S.STEEL SEARCH LIGHT



BH Code	Type	Voltage	Current/ watts	IMPA Code
B1081301	BDT-30SU DECK CONTROL INCANDESCENT	110/240V	1KW	
B1081304	CHC-30AR CABIN CONTROL INCANDESCENT	110/240V	1KW	
B1081305	DHC-30AR DECK CONTROL SEARCHLIGHT	110/240V	1KW	
B1082401	ADH-40SU DECK CONTROL SEARCHLIGHT	110/240V	2KW	370481*/82* /85*/86*
B1082405	BCH-40SU CABIN CONTROL HALOGEN	110/240V	2KW	
B1081308	FRONT GLASS WITH FRAME FOR 1KW BDT-30SU / BCT-30SU	-	-	
B1082408	FRONT GLASS WITH FRAME FOR 2KW ADH-40SU / ACH-40SU	-	-	
B1084330	SPARE REFLECTOR FOR 1KW BDT-30SU / BCT-30SU	-	-	
B1084430	SPARE REFLECTOR 430mm FOR 2KW SEARCHLIGHT	-	-	

### SANSHIN S.STEEL REMOTE CONTROL SEARCH LIGHT



BH Code	Type	Voltage	Current/ Watts	IMPA Code
B1081303	EHC-30AR S.STEEL, HALOGEN	220V	1KW	
B1081303A	EHC-30AR S.STEEL, HALOGEN	110V	1KW	
B1082403	AEH-40SU S.STEEL, HALOGEN	220V	2KW	
B1082404	BEH-40SU S.STEEL, HALOGEN	220V	2KW	

### SANSHIN REMOTE CONTROL HALOGEN SEARCH LIGHT



BH Code	Type	Voltage	Current/ Watts	IMPA Code
B1083010	HR-1012U MK(III) C/W CPF-53 MAIN CONTROL PANEL	12V	2X55W	
B1083020	HR-1012U MK(III) C/W CPF-53 MAIN CONTROL PANEL	24V	2X55W	
B1083030	HR-55 12V	12V	55W	
B1083040	HR-55 24V	24V	70W	

### SANSHIN REMOTE CONTROL LED SEARCH LIGHT



BH Code	Type	Voltage	Current/ Watts	IMPA Code
B1083000	HRL-2070U C/W REMOTE CONTROL PANEL	12/24V DC		

### SANSHIN HRX-150 XENON SEARCH LIGHT



BH Code	Type	IMPA Code
B1083150	24V 150W	370491*/92*
B1083151	KXL-150FED SPARE LAMP FOR HRX-150	
B1083152	CONTROL PANEL FOR HRX-150	
B1083153	SPARE XENON BALLAST XE-150SD-DC24V	
B1083154	STARTER STX-10	
B1083157	PCB BOARD PP-207	
B1083158	PCB BOARD PP-208	

### ASTRALUX S.STEEL SEARCH LIGHT



BH Code	Type	Voltage	Current/ Watts	IMPA Code
B3600071	0007 254mm DECK CONTROL, HALOGEN	110 - 240V	1KW	
B3600072	0007 254mm CABIN CONTROL, HALOGEN	110 - 240V	1KW	
B3600075	0007 254mm DECK CONTROL HALOGEN SIGNALLING W/SHUTTER	110 - 240V	1KW	
B3600101	0010 350mm CABIN CONTROL, HALOGEN	110 - 240V	2KW	

### ASTRALUX REMOTE CONTROL SEARCH LIGHT



BH Code	Type	Voltage	Current/ Watts	IMPA Code
B3600107	0010 350mm XENON	220/240V	1KW	

## ASTRALUX S.STEEL FIFI HALOGEN SEARCH LIGHT



- Compliance: at range of 250 meters, beam spread > 11 meters, minimum luminous intensity = 50 lux
- With BV Approval

BH Code	Type	Voltage	Current/Watts	IMPA Code
B3600123	0012-431-600 450mm STAINLESS STEEL REMOTE CONTROL FIFI WITH BV CERT	230V	2.5KW	

## ASTRALUX S.STEEL SUEZ CANAL SEARCH LIGHT



BH Code	Type	Voltage	Current/Watts	IMPA Code
B3600153	0015-220-200, HALOGEN	110 - 240V	3KW	370504*/06* 370511*-13*

## WISKA HALOGEN SEARCH LIGHT



BH Code	Type	Voltage	Current/Watts	IMPA Code
B3030011	SW300A/1000D DECK CONTROL	115/230V	1KW	
B3030012	SW300A/1000C CABIN CONTROL	115/230V	1KW	
B3045011	SW450A/2000/D DECK CONTROL	115/230V	2KW	370481*/82* /85*/86*
B3045012	SW450A/2000/C CABIN CONTROL	115/230V	2KW	

## WISKA HALOGEN REMOTE CONTROL SEARCH LIGHT



BH Code	Type	Voltage	Current/Watts	IMPA Code
B3040022	SW400A/1000/FL20 WITH RCU-E CONTROL PANEL	220V	1KW	
B3045021	SW450/2000/FL51 C/W RCU-E CONTROL PANEL	115V	2KW	
B3045022	SW450A/2000/FL51 C/W RCU-E CONTROL PANEL	220V	2KW	

## Flood Lights

### SANSHIN CARGO LIGHT



BH Code	Type	Voltage	Current/Watts	IMPA Code
B1055250	FDL-25E E39 AIR TIGHT	110/250V	300/500W	
B1057302	CDL-2 E39 DRIP PROOF	110/250V	500W	792003/04

### SANSHIN BOAT DECK LIGHT (INCANDESCENT TYPE)



BH Code	Type	Voltage	Current/Watts	IMPA Code
B1057402	BDL-2 E39	110/250V	500W	792025/26

### SANSHIN BOAT DECK LIGHT (SEALED BEAM TYPE)



BH Code	Type	Voltage	Current/Watts	IMPA Code
B1057403	S1-RA	24V	60/80W	792028
B1057404	S2RA	24 - 240V	75 - 300W	792029

### SANSHIN PROJECTOR FLOOD LIGHT WITH GUARD



BH Code	Type	Voltage	Current/Watts	IMPA Code
B1051120	FDL-R12 E26 FLANGE TYPE	110/250V	100 - 200W	791801
B1051130	FDL-R13 E39 FLANGE TYPE	110/250V	300/ 500W	791802
B1051125	FDL-R12V E26 CLAMP TYPE	110/250V	100 - 200W	791803
B1051135	FDL-R13V E39 CLAMP TYPE	110/250V	300/ 500W	791804
B1051140	FDL-R14 E39 FLANGE TYPE	110/250V	150 - 1KW	791811
B1051145	FDL-R14V E39 CLAMP TYPE	110/250V	150 - 1KW	791812
B1051170	FDL-R17 E39 FLANGE TYPE	110/250V	700/1KW	

### SANSHIN PROJECTOR FLOOD LIGHT WITH FRONT GLASS



BH Code	Type	Voltage	Current/Watts	IMPA Code
B1052220	FDL-R22 E26	110/250V	300/ 500W	792011
B1052230	FDL-R23 E39	110/250V	300/ 500W	792013/14
B1052238	FDL-R23S E39	110/250V	300/ 500W	792032
B1052240	FDL-R24 E39	110/250V	150 - 1KW	
B1052270	FDL-R27 E39	110/250V	700/1KW	

### SANSHIN FDL HID LAMP FLOODLIGHT IP56



BH Code	Type	Voltage	Current/Watts	IMPA Code
B1053240	FDL-24	110/250V	250 - 500W	
B1053270	FDL-27	110/250V	700/1KW	791816



B1054240	FDL-24SWT-N IP56	110/250V	2 X 400W	
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### SANSHIN HALOGEN FLOOD LIGHT



BH Code	Type	Voltage	IMPA Code
B1056333	FDL-H333 300W R7S IP56	110/250V	

### GEWISS W.T INDUSTRIAL FLOOD LIGHT IP55



BH Code	Type	Voltage	Current/Watts	IMPA Code
B5530050	GW 84215	110/220V	500W	
B5530100	GW 84217	110/220V	1/1.5KW	

### GEWISS MH/HPS FLOODLIGHT IP66



BH Code	Type	Voltage	Current/Watts	IMPA Code
B5530400	GW 84433 TITANO SODIUM	220V	400W	
B5531400	GW85191 HORUS	110/220V	400W	
B5531499	GW84693 COLOSSEUM HID	100-240V	1000W	
B5531500	GW84626 W.T. GEAR BOX		2000W	

### POLAMREM STP76 FLOOD LIGHT (HALOGEN) IP67



- Stainless Steel Body
- Powder coated white
- Safety glass diffuser

BH Code	Type	Voltage	Current/Watts	IMPA Code
IGBSTP760200	STP76 S.STEEL R7S	110V/220V	200W	
IGBSTP760500	STP76 S.STEEL R7S	110V/220V	500W	
IGBSTP761000	STP76 S.STEEL E40	110V/220V	1000W	

### POLAMREM STP76 FLOOD LIGHT (MH/HPS) W/ INTEGRATED BALLAST IP67



- Stainless Steel Body
- Powder coated white
- Safety glass diffuser

BH Code	Type	Voltage	Current/Watts	IMPA Code
IGBSTP76B250MC	STP76 S.STEEL MH E40 50Hz	230V	250W	
IGBSTP76B250MB	STP76 S.STEEL MH E40 60Hz	220V	250W	
IGBSTP76B400MC	STP76 S.STEEL MH E40 50Hz	230V	400W	
IGBSTP76B400MB	STP76 S.STEEL MH E40 60Hz	220V	400W	
IGBSTP76B250SC	STP76 S.STEEL HPS E40 50Hz	230V	250W	
IGBSTP76B250SB	STP76 S.STEEL HPS E40 60Hz	220V	250W	
IGBSTP76B400SC	STP76 S.STEEL HPS E40 50Hz	230V	400W	
IGBSTP76B400SB	STP76 S.STEEL HPS E40 60Hz	220V	400W	

### POLAMREM STP76 FLOOD LIGHT W/ IGNITOR BOX (MH/HPS) IP67



- Stainless Steel Body
- Powder coated white
- Safety glass diffuser

BH Code	Type	Current/Watts	IMPA Code
IGBSTP761000M	STP76 MH E40	1000W	
IGBSTP76250M	STP76 MH E40	250W	
IGBSTP762X250M	STP76 MH E40	2 X 250W	
IGBSTP762X400M	STP76 MH E40	2 X 400W	
IGBSTP76400M	STP76 MH E40	400W	
IGBSTP761000S	STP76 HPS E40	1000W	
IGBSTP76250S	STP76 HPS E40	250W	
IGBSTP76400S	STP76 HPS E40	400W	
IGBSTP762X250S	STP76 HPS E40	2 X 250W	
IGBSTP762X400S	STP76 HPS E40	2 X 400W	

### POLAMREM VGP76 BALLAST UNIT (MH/HPS) IP67



BH Code	Type	Voltage	Hz	IMPA Code
<b>METAL HALIDE</b>				
IGBVGP76250MB	VGP76 BALLAST UNIT FOR MH 250W	220V	60	
IGBVGP76250MC	VGP76 BALLAST UNIT FOR MH 250W	230V	50	
IGBVGP76400MB	VGP76 BALLAST UNIT FOR MH 400W	220V	60	
IGBVGP76400MC	VGP76 BALLAST UNIT FOR MH 400W	230V	50	
IGBVGP761000MB	VGP76 BALLAST UNIT FOR MH 1000W	220V	60	
IGBVGP761000MC	VGP76 BALLAST UNIT FOR MH 1000W	230V	50	
IGBVGP762X250MB	VGP76 BALLAST UNIT FOR MH 2X250W	220V	60	
IGBVGP762X250MC	VGP76 BALLAST UNIT FOR MH 2X250W	230V	50	
IGBVGP762X400MB	VGP76 BALLAST UNIT FOR MH 2X400W	220V	60	
IGBVGP762X400MC	VGP76 BALLAST UNIT FOR MH 2X400W	230V	50	
<b>HIGH PRESSURE SODIUM</b>				
IGBVGP76250SB	VGP76 BALLAST UNIT FOR HPS 250W	220V	60	
IGBVGP76250SC	VGP76 BALLAST UNIT FOR HPS 250W	230V	50	
IGBVGP76400SB	VGP76 BALLAST UNIT FOR HPS 400W	220V	60	
IGBVGP76400SC	VGP76 BALLAST UNIT FOR HPS 400W	230V	50	
IGBVGP761000SB	VGP76 BALLAST UNIT FOR HPS 1000W	220V	60	
IGBVGP761000SC	VGP76 BALLAST UNIT FOR HPS 1000W	230V	50	
IGBVGP762X250SB	VGP76 BALLAST UNIT FOR HPS 2X250W	220V	60	
IGBVGP762X400SC	VGP76 BALLAST UNIT FOR HPS 2X400W	230V	50	
IGBVGP762X400SB	VGP76 BALLAST UNIT FOR HPS 2X400W	220V	60	
IGBVGP762X250SC	VGP76 BALLAST UNIT FOR HPS 2X250W	230V	50	

## Navigation Lights

### PETERS+BEY NAVIGATION LIGHT TYPE 500



- For vessel of < 50m in length

BH Code	Type	Voltage	IMPA Code
B4015001	T500, MASTHEAD	24/120/220V	
B4015002	SBb500, PORT	24/120/220V	
B4015003	SSb500, STARBOARD	24/120/220V	
B4015004	H500, STERN	24/120/220V	
B4015005	HS500, TOWING	24/120/220V	
B4015006	AS500w, SIGNAL WHITE	24/120/220V	
B4015009	AS500w, SIGNAL WHITE (CLEAR WHITE)	24/120/220V	
B4015007	AS500r, SIGNAL RED	24/120/220V	
B4015008	AS500gn, SIGNAL GREEN	24/120/220V	
B4015706	AS507w, HOISTABLE SIGNAL WHITE	24/120/220V	
B4015707	AS507r, HOISTABLE SIGNAL RED	24/120/220V	
B4015011	SL500 PANAMA STEERING LIGHT	24/120/220V	

### PETERS+BEY NAVIGATION LIGHT TYPE 760



- For vessel of > 50m in length

BH Code	Type	Voltage	IMPA Code
<b>SINGLE</b>			
B4027001	T760, MASTHEAD	24/120/220V	
B4027002	SBb760, PORT	24/120/220V	
B4027003	SSb760, STARBOARD	24/120/220V	
B4027004	H760, STERN	24/120/220V	
B4027005	HS760, TOWING	24/120/220V	370425*
B4027006	AS760, WHITE	24/120/220V	370426*
B4027007	AS760, NUC RED	24/120/220V	370427*
B4027008	AS760, GREEN	24/120/220V	370428*
B4027009	AS760, MANOEVERING	24/120/220V	
B4027012	HR760, SUEZ CANAL STERN RED	24/120/220V	
B4027102	AS767, HOISTABLE GREEN	24/120/220V	
B4027105	HG760, KIEL GREEN	24/120/220V	
<b>DOUBLE</b>			
B4027601	DT760, MASTHEAD	24/120/220V	370421*
B4027602	DSBb760, PORT	24/120/220V	370423*
B4027603	DSSb760, STARBOARD	24/120/220V	370422*
B4027604	DH760, STERN	24/120/220V	370424*
B4027605	DHS760, TOWING	24/120/220V	
B4027606	DAS760, WHITE	24/120/220V	
B4027609	DAS760, WHITE (CLEAR WHITE)	24/120/220V	
B4027607	DAS760, NUC RED	24/120/220V	
B4027608	DAS760, GREEN	24/120/220V	

### PETERS+BEY LED NAVIGATION LIGHT TYPE 780

- For vessel of > 50m in length



BH Code	Type	Voltage	IMPA Code
<b>SINGLE</b>			
B4047811	AS780, SIGNAL WHITE	24V	
B4047812	AS780, SIGNAL RED	24V	
B4047834	H780, STERN	230V	
B4047839	HR780, STERN RED	230V	
B4047836	AS780, SIGNAL WHITE (CLEAR WHITE)	230V	
B4047837	AS780, SIGNAL RED	24V	
<b>DOUBLE</b>			
B4057811	DT780, MASTHEAD	24V	
B4057812	DSBb780, PORT	24V	
B4057813	DSSb780, STARBOARD	24V	
B4057814	DH780, STERN	24V	
B4057815	DHS780, TOWING	24V	
B4057816	DAS780, SIGNAL WHITE	24V	
B4057817	DAS780, SIGNAL RED	24V	
B4057831	DT780, MASTHEAD	230V	
B4057832	DSBb780, PORT	230V	
B4057833	DSSb780, STARBOARD	230V	
B4057834	DH780, STERN	230V	
B4057835	DHS780, TOWING	230V	
B4057836	DAS780, SIGNAL WHITE (CLEAR WHITE)	230V	
B4057837	DAS780, SIGNAL RED	230V	

### PETERS+BEY TSS SIGNAL LIGHT

- 3 all-round green lights in a vertical line



BH Code	Type	Voltage	IMPA Code
IGBTSS11PB	SIGNAL GREEN	110V	
IGBTSS22PB	SIGNAL GREEN	220V	
IGBTSS24PB	SIGNAL GREEN	24V	

### PETERS+BEY NAVIGATION LIGHT ACCESSORIES



BH Code	Type	Voltage	IMPA Code
B4058104	TOUCHSCREEN MONITOR 13.3"		
B4058102	MEASURING CARD PB-MM	115-230V AC	
B4058101	BASIS MEASURING MODULE PB-MM-BASIS	24V DC	
B4058100	CONTROL UNIT PB-NLCP	12/24/115/230V	



## DHR35 NAVIGATION LIGHT



- For vessel of < 20m in length

BH Code	Type	Voltage	Current/Watts	IMPA Code
B4203501	TW35V, MASTHEAD	12/24V	25W	
B4203502	BB35V, PORT	12/24V	25W	
B4203503	SB35V, STARBOARD	12/24V	25W	
B4203504	HW35V, STERN	12/24V	25W	
B4203505	HGL35V, TOWING	12/24V	25W	
B4203506	RW35V, SIGNAL WHITE	12/24V	25W	
B4203507	RR35V, SIGNAL RED	12/24V	25W	
B4203508	RGR35V, SIGNAL GREEN	12/24V	25W	
B4203512	TKL35V, BI-COLOUR	12/24V	25W	
B4203513	DKL35V, TRI-COLOUR	12/24V	25W	

## DHR55 NAVIGATION LIGHT



- For vessel of < 50m in length

BH Code	Type	Voltage	Current/Watts	IMPA Code
B4205501	TW55KV, MASTHEAD	24/110/220V	25/40W	
B4205502	BB55V, PORT	24/110/220V	25/40W	
B4205503	SB55V, STARBOARD	24/110/220V	25/40W	
B4205504	HW55V, STERN	24/110/220V	25/40W	
B4205505	HGL55V, TOWING	24/110/220V	25/40W	
B4205506	RW55V, SIGNAL WHITE	24/110/220V	25/40W	
B4205507	RR55V, SIGNAL RED	24/110/220V	25/40W	
B4205508	RGR55V, SIGNAL GREEN	24/110/220V	25/40W	

## DHR70N NAVIGATION LIGHT



- For vessel of > 50m in length

BH Code	Type	Voltage	IMPA Code
<b>SINGLE</b>			
B4207001	70.13.00.00, MASTHEAD	24/110/220V	
B4207002	70.12.00.00, PORT	24/110/220V	
B4207003	70.11.00.00, STARBOARD	24/110/220V	
B4207004	70.14.00.00, STERN	24/110/220V	
B4207010	70.14.17.00, SUEZ STERN RED	24/110/220V	
B4207005	70.15.00.00, TOWING	24/110/220V	370425*
B4207006	70.16.00.00, SIGNAL WHITE	24/110/220V	370426*
B4207007	70.17.00.00, SIGNAL RED	24/110/220V	370427*
B4207008	70.18.00.00, SIGNAL GREEN	24/110/220V	370428*
B4207009	70.16.10.00 MANOEUVRING LIGHT WHITE CLEAR 5N.M	24/110/220V	

BH Code	Type	Voltage	IMPA Code
<b>DOUBLE</b>			
B4207201	70.23.00.00, MASTHEAD	24/110/220V	370421*
B4207202	70.22.00.00, PORT	24/110/220V	370423*
B4207203	70.21.00.00, STARBOARD	24/110/220V	370422*
B4207204	70.24.00.00, STERN	24/110/220V	370424*
B4207205	70.25.00.00, TOWING	24/110/220V	
B4207206	70.26.00.00, SIGNAL WHITE	24/110/220V	
B4207207	70.27.00.00, SIGNAL RED	24/110/220V	
B4207208	70.28.00.00, SIGNAL GREEN	24/110/220V	

## DHR115 SIGNALLING LIGHT



BH Code	Type	Voltage	IMPA Code
B4251150	DHR115-00 SIGNALING LIGHT B22		
B4251155	DHR115-50 SIGNALLING LIGHT WITH GUARD B22		
B4252401	DHR115-91-3 RED FLASHING LIGHT DC24V 120FLASH/MIN	DC24V	
B4258801	DHR115-91-2 RED FLASHING LIGHT 115VAC 120FLASH/MIN	115VAC	
B4259901	DHR115-91-1 RED FLASHING LIGHT 230VAC 120FLASH/MIN	230VAC	

## NIPPON SENTO NAVIGATION LIGHT



- For vessel of 50m or more in length

BH Code	Type	Voltage	Current/Watts	IMPA Code
<b>SINGLE</b>				
B4401001	NAMH-211 MASTHEAD LIGHT	24/110/220V	60W	
B4401002	NARS-211 SIDE LIGHT RED	24/110/220V	60W	
B4401003	NAGS-211 SIDE LIGHT GREEN	24/110/220V	60W	
B4401004	NAST-211 STERN LIGHT	24/110/220V	40W	
B4401005	NATW-211 TOWING LIGHT	24/110/220V	40W	370425
B4401006	NAWL-211 SIGNAL WHITE	24/110/220V	40W	370426
B4401007	NARL-211 SIGNAL RED	24/110/220V	60W	370427
B4401008	NAGL-011 SIGNAL GREEN	24/110/220V	60W	370428
B4401011	NAST-211 SUEZ CANAL STERN	24/110/220V	40W	
<b>DOUBLE</b>				
B4402001	NAMH-221 MASTHEAD LIGHT	24/110/220V	60W	370421
B4402003	NAGS-221 SIDE LIGHT GREEN	24/110/220V	60W	370422
B4402005	NATW-221 TOWING LIGHT	24/110/220V	40W	
B4402006	NAWL-221 SIGNAL WHITE	24/110/220V	40W	
B4402007	NARL-221 SIGNAL RED	24/110/220V	60W	

## NIPPON SENTO FLASHING LIGHT



BH Code	Type	Voltage	IMPA Code
B4406881	NARF-011 RED FLASHING LIGHT	110V AC	

BH Code	Type	Voltage	IMPA Code
B4407882	NFGB-P11 BRASS GREEN FLASHING LIGHT	110V AC	
B4406991	NARF-021 FLASHING LIGHT RED	220V AC	
B4416992	NB-BFG2 GREEN FLASHING LIGHT W/ HK CERT	220V AC	

### SANSHIN SIGNAL LIGHT IP56



BH Code	Type	Voltage	Current/Watts	IMPA Code
B1094101	TYPE 1M SIGNAL LIGHT (CLEAR)	24/125/250V	40W	
B1094102	TYPE 1M SIGNAL LIGHT (RED)	24/125/250V	40W	
B1094103	TYPE 1M SIGNAL LIGHT (GREEN)	24/125/250V	40W	
B1094201	TYPE 1M STEERING LIGHT BLUE	24/125/250V	40W	

### SANSHIN ALDIS DAYLIGHT SIGNALLING



BH Code	Type	IMPA Code
B1088011	SPS-10A 24V 60W COMPLETE SET W/ HK CERT	330641*/46*/47*
B1088108	BATTERY PXL12090F2-W DC24V (DC12X2)	330647*
B1088109	BATTERY CHARGER BCN-24S	330646*
B1088254N	RE-254P W.T RECEPTACLE	330648*
B1088255N	RE-254FP FLUSH RECEPTACLE	
B1088101	SPARE LAMP HOLDER	
B1088102	SPARE SIGNAL LEVEL	
B1088103	SPARE SWITCH LEVEL	
B1088104	SPARE REFLECTOR	
B1088105	SPARE FRONT GLASS	



B1088010	SPS-10A 24V 60W W/ HK CERT	330641*
IGB1088050	SPS-10B 12V 60W W/ BUILT IN BATTERY	330642*
IGB1088100	SPS-10A 24V 60W W/ BUILT IN BATTERY	330641*
IGB1088112	BATTERY PACK W/ CASING FOR DAYLIGHT SIGNALLING 12V 14AH	330644*
IGB1088124	BATTERY PACK W/ CASING FOR DAYLIGHT SIGNALLING 24V 7.2AH	330647*

### WISKA DAYLIGHT SIGNALLING



- With BSH Approval

BH Code	Type	IMPA Code
B3050035	HML-ISO 35 COMPLETE SET	330641/46/48*

### MORSE LIGHT/KEY



BH Code	Type	Current/Watts	IMPA Code
B3010090	WISKA 1009/3x40 MORSE LIGHT 3 LAMP	3 X 40W	
B3010098	WISKA 3010/F W.T BRASS MORSE KEY	-	
B1212100	SANSHIN M2.5 W.T MORSE KEY	-	
B1212105	SANSHIN MK706 N.W.T MORSE KEY	-	

## Watertight Ceiling Lights

### POLAMREM W.T LED CEILING LIGHT IP67



-Zinc Coated Steel Body  
-Powder coated white  
-Polycarbonate diffuser  
-Emergency Lights & Battery Back-Up Options Available

BH Code	Type	Voltage	Current/Watts	Hz	IMPA Code
IGLTLP67211ZH0	TLP67 ZCS LED FL LIGHT	220-240V	2 X 11W	50/60Hz	
IGLTLP67211ZH0	TLP67 ZCS LED FL LIGHT				
IGLTLP67211ZH0	C/W BATTERY BACKUP	220-240V	2 X 11W	50/60Hz	
IGLTLP67211ZH0	3H				
IGLTLP67211ZH0	TLP67 ZCS LED FL LIGHT				
IGLTLP67211ZH0	C/W EMERGENCY	220-240V	2 X 11W	50/60Hz	
IGLTLP67211ZH0	DC24V LED				
IGLTLP67411ZH0	TLP67 ZCS LED FL LIGHT	220-240V	4 X 11W	50/60Hz	
IGLTLP67411ZH0	TLP67 ZCS LED FL LIGHT				
IGLTLP67411ZH0	C/W BATTERY BACK UP	220-240V	4 X 11W	50/60Hz	
IGLTLP67411ZH0	3H				
IGLTLP67411ZH0	TLP67 ZCS LED FL LIGHT				
IGLTLP67411ZH0	C/W EMERGENCY	220-240V	4 X 11W	50/60Hz	
IGLTLP67411ZH0	DC24V LED				

### POLAMREM W.T FLUORESCENT CEILING LIGHT IP67



-Zinc Coated Steel Body  
-Powder coated white  
-Polycarbonate diffuser  
-Emergency Lights & Battery Back-Up Options Available

BH Code	Type	Voltage	Current/Watts	Hz	IMPA Code
IGBTLP67Z12A	TLP67Z FL LIGHT	110V	1 X 18W	60Hz	791881*
IGBTLP67Z12B	TLP67Z FL LIGHT	220V	1 X 18W	60Hz	791912*
IGBTLP67Z12C	TLP67Z FL LIGHT	230V	1 X 18W	50Hz	
IGBTLP67Z12E	TLP67Z FL LIGHT W/ ELECTRONIC BALLAST	100-240V	1 X 18W	50/60Hz	
IGBTLP67Z14B	TLP67Z FL LIGHT	220V	1 X 36W	60Hz	791883*
IGBTLP67Z14C	TLP67Z FL LIGHT	230V	1 X 36W	50Hz	791886*
IGBTLP67Z14E	TLP67Z FL LIGHT W/ ELECTRONIC BALLAST	100-240V	2 X 18W	50/60Hz	
IGBTLP67Z22A	TLP67Z FL LIGHT	110V	2 X 18W	60Hz	791882*
IGBTLP67Z22B	TLP67Z FL LIGHT	220V	2 X 18W	60Hz	791913*
IGBTLP67Z22C	TLP67Z FL LIGHT	230V	2 X 18W	50Hz	
IGBTLP67Z22E	TLP67Z FL LIGHT W/ ELECTRONIC BALLAST	100-240V	2 X 18W	50/60Hz	
IGBTLP67Z24B	TLP67Z FL LIGHT	220V	2 X 36W	60Hz	791884*
IGBTLP67Z24C	TLP67Z FL LIGHT	230V	2 X 36W	50Hz	791887*
IGBTLP67Z24E	TLP67Z FL LIGHT W/ ELECTRONIC BALLAST	100-240V	2 X 36W	50/60Hz	

## POLAMREM W.T S.STEEL LED CEILING LIGHT IP67



- Stainless Steel Body
- Powder coated white
- Polycarbonate diffuser
- Welded Bracket
- Emergency Lights & Battery Back-Up Options Available

BH Code	Type	Voltage	Current/Watts	Hz	IMPA Code
IGLTL67211SW0	TLP67 SS316 LED FL LIGHT	220-240V	2 X 11W	50/60Hz	
IGLTL67211SWB	TLP67 SS316 LED FL LIGHT C/W BATTERY BACKUP 3H	220-240V	2 X 11W	50/60Hz	
IGLTL67211SWE	TLP67 SS316 LED FL LIGHT C/W EMERGENCY DC24V LED	220-240V	2 X 11W	50/60Hz	
IGLTL67411SW0	TLP67 SS316 LED FL LIGHT	220-240V	4 X 11W	50/60Hz	
IGLTL67411SWB	TLP67 SS316 LED FL LIGHT C/W BATTERY BACK UP 3H	220-240V	4 X 11W	50/60Hz	
IGLTL67411SWE	TLP67 SS316 LED FL LIGHT C/W EMERGENCY DC24V LED	220-240V	4 X 11W	50/60Hz	

## SANSHIN FLC W.T CEILING LIGHT IP56



- Steel Body
- Polycarbonate Diffuser
- Paint Coated

BH Code	Type	Voltage	Current/Watts	Hz	IMPA Code
IGBFCLC2146A	FLC-2146T	110V	20W	60Hz	791881
IGBFCLC2146B	FLC-2146T	220V	20W	60Hz	791912
IGBFCLC2146E	FLC-2146ET W/ ELECTRONIC BALLAST	100-240V	20W	50/60Hz	
IGBFCLC2246A	FLC-2246T	110V	2 X 20W	60Hz	791882
IGBFCLC2246B	FLC-2246T	220V	2 X 20W	60Hz	791913
IGBFCLC2246E	FLC-2246ET W/ ELECTRONIC BALLAST	100-240V	2 X 20W	50/60Hz	
IGBFCLC4146A	FLC-4146T	110V	40W	60Hz	791883
IGBFCLC4146B	FLC-4146T	220V	40W	60Hz	791886
IGBFCLC4146E	FLC-4146ET W/ ELECTRONIC BALLAST	100-240V	40W	50/60Hz	
IGBFCLC4246A	FLC-4246T	110V	2 X 40W	60Hz	791884
IGBFCLC4246B	FLC-4246T	220V	2 X 40W	60Hz	791887
IGBFCLC4246E	FLC-4246ET W/ ELECTRONIC BALLAST	100-240V	2 X 40W	50/60Hz	

## POLAMREM W.T S.STEEL FLUORESCENT CEILING LIGHT IP67



- Stainless Steel Body
- Powder coated white
- Polycarbonate diffuser
- Welded Bracket
- Emergency Lights & Battery Back-Up Options Available

BH Code	Type	Voltage	Current/Watts	Hz	IMPA Code
IGBTL67S12A	TLP67 SS316 FL LIGHT	110V	1 X 18W	60Hz	
IGBTL67S12B	TLP67 SS316 FL LIGHT	220V	1 X 18W	60Hz	
IGBTL67S12C	TLP67 SS316 FL LIGHT	230V	1 X 18W	50Hz	
IGBTL67S12E	TLP67 SS316 FL LIGHT W/ ELECTRONIC BALLAST	100-240V	1 X 18W	50/60Hz	
IGBTL67S14B	TLP67 SS316 FL LIGHT	220V	1 X 36W	60Hz	
IGBTL67S14C	TLP67 SS316 FL LIGHT	230V	1 X 36W	50Hz	
IGBTL67S14E	TLP67 SS316 FL LIGHT W/ ELECTRONIC BALLAST	100-240V	1 X 36W	50/60Hz	
IGBTL67S22A	TLP67 SS316 FL LIGHT	110V	2 X 18W	60Hz	
IGBTL67S22B	TLP67 SS316 FL LIGHT	220V	2 X 18W	60Hz	
IGBTL67S22C	TLP67 SS316 FL LIGHT	230V	2 X 18W	50Hz	
IGBTL67S22E	TLP67 SS316 FL LIGHT W/ ELECTRONIC BALLAST	100-240V	2 X 18W	50/60Hz	
IGBTL67S24B	TLP67 SS316 FL LIGHT	220V	2 X 36W	60Hz	
IGBTL67S24C	TLP67 SS316 FL LIGHT	230V	2 X 36W	50Hz	
IGBTL67S24E	TLP67 SS316 FL LIGHT W/ ELECTRONIC BALLAST	100-240V	2 X 36W	50/60Hz	

## SANSHIN FLCX W.T CEILING LIGHT IP56



- Steel Body
- Polycarbonate Diffuser
- Powder Coated Marine Paint
- Emergency Lights & Battery Back-Up Options Available

BH Code	Type	Voltage	Current/Watts	Hz	IMPA Code
IGBFCLCX2147A	FLCX-2147T	110V	1 X 18W	60Hz	791881*
IGBFCLCX2147AR	FLCX-2147T W/ EMERGENCY LIGHT 24V	110V	1 X 18W	60Hz	
IGBFCLCX2147AU	FLCX-2147T W/ BATTERY BACK-UP 2/3 HRS	110V	1 X 18W	60Hz	
IGBFCLCX2147B	FLCX-2147T	220V	1 X 18W	60Hz	791912*
IGBFCLCX2147BR	FLCX-2147T W/ EMERGENCY LIGHT 24V	220V	1 X 18W	60Hz	
IGBFCLCX2147BU	FLCX-2147T W/ BATTERY BACK-UP 2/3 HRS	220V	1 X 18W	60Hz	
IGBFCLCX2147C	FLCX-2147T	230V	1 X 18W	50Hz	
IGBFCLCX2147CR	FLCX-2147T W/ EMERGENCY LIGHT 24V	230V	1 X 18W	50Hz	
IGBFCLCX2147CU	FLCX-2147T W/ BATTERY BACK-UP 2/3 HRS	230V	1 X 18W	50Hz	
IGBFCLCX2147E	FLCX-2147T W/ ELECTRONIC BALLAST	100-240V	1 X 18W	50/60Hz	
IGBFCLCX2147ER	FLCX-2147T W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	1 X 18W	50/60Hz	
IGBFCLCX2147EU	FLCX-2147T W/ ELECTRONIC BALLAST & BATTERY BACK-UP 2/3 HRS	100-240V	1 X 18W	50/60Hz	
IGBFCLCX2247A	FLCX-2247T	110V	2 X 18W	60Hz	791882*
IGBFCLCX2247AR	FLCX-2247T W/ EMERGENCY LIGHT 24V	110V	2 X 18W	60Hz	
IGBFCLCX2247AU	FLCX-2247T W/ BATTERY BACK-UP 2/3 HRS	110V	2 X 18W	60Hz	
IGBFCLCX2247B	FLCX-2247T	220V	2 X 18W	60Hz	791913*
IGBFCLCX2247BR	FLCX-2247T W/ EMERGENCY LIGHT 24V	220V	2 X 18W	60Hz	
IGBFCLCX2247BU	FLCX-2247T W/ BATTERY BACK-UP 2/3 HRS	220V	2 X 18W	60Hz	

## POLAMREM COLD-ROOM CEILING LIGHT IP67

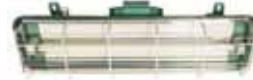


- Stainless Steel Body
- Powder coated white
- Polycarbonate diffuser
- Welded Bracket
- Emergency Lights Options Available

BH Code	Type	Voltage	Current/Watts	Hz	IMPA Code
IGBTZP4424E	TZP44 W/ ELECTRONIC BALLAST	100-240V	2 X 40W	50/60Hz	
IGBTZP4424ER	TZP44 W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	2 X 40W	50/60Hz	
IGBTZP44SS24E	TZP44 SS316 W/ WELDED BRACKET & ELECTRONIC BALLAST	100-240V	2 X 40W	50/60Hz	
IGBTZP44SS24ER	TZP44 SS316 W/ WELDED BRACKET, ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	2 X 40W	50/60Hz	

BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code	BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code
IGBFLCX2247C	FLCX-2247T	230V	2 X 18W	50Hz		IGBFLC4148B	FLC-4148T	220V	40W	60Hz	791876
IGBFLCX2247CR	FLCX-2247T W/ EMERGENCY LIGHT 24V	230V	2 X 18W	50Hz		IGBFLC4148E	FLC-4148ET W/ ELECTRONIC BALLAST	100-240V	40W	50/60Hz	
IGBFLCX2247CU	FLCX-2247T W/ BATTERY BACK-UP 2/3 HRS	230V	2 X 18W	50Hz		IGBFLC4248A	FLC-4248T	110V	2 X 40W	60Hz	791874
IGBFLCX2247E	FLCX-2247T W/ ELECTRONIC BALLAST	100-240V	2 X 18W	50/60Hz		IGBFLC4248B	FLC-4248T	220V	2 X 40W	60Hz	791877
IGBFLCX2247ER	FLCX-2247T W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	2 X 18W	50/60Hz		IGBFLC4248E	FLC-4248ET W/ ELECTRONIC BALLAST	100-240V	2 X 40W	50/60Hz	
IGBFLCX2247EU	FLCX-2247T W/ ELECTRONIC BALLAST & BATTERY BACK-UP 2/3 HRS	100-240V	2 X 18W	50/60Hz							
IGBFLCX4147B	FLCX-4147T	220V	1 X 36W	60Hz	791886*						
IGBFLCX4147BR	FLCX-4147T W/ EMERGENCY LIGHT 24V	220V	1 X 36W	60Hz							
IGBFLCX4147BU	FLCX-4147T W/ BATTERY BACK-UP 2/3 HRS	220V	1 X 36W	60Hz							
IGBFLCX4147C	FLCX-4147T	230V	1 X 36W	50Hz							
IGBFLCX4147CR	FLCX-4147T W/ EMERGENCY LIGHT 24V	230V	1 X 36W	50Hz							
IGBFLCX4147CU	FLCX-4147T W/ BATTERY BACK-UP 2/3 HRS	230V	1 X 36W	50Hz							
IGBFLCX4147E	FLCX-4147T W/ ELECTRONIC BALLAST	100-240V	1 X 36W	50/60Hz	791883*						
IGBFLCX4147ER	FLCX-4147T W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	1 X 36W	50/60Hz							
IGBFLCX4147EU	FLCX-4147T W/ ELECTRONIC BALLAST & BATTERY BACK-UP 2/3 HRS	100-240V	1 X 36W	50/60Hz							
IGBFLCX4247B	FLCX-4247T	220V	2 X 36W	60Hz	791887*						
IGBFLCX4247BR	FLCX-4247T W/ EMERGENCY LIGHT 24V	220V	2 X 36W	60Hz							
IGBFLCX4247BU	FLCX-4247T W/ BATTERY BACK-UP 2/3 HRS	220V	2 X 36W	60Hz							
IGBFLCX4247C	FLCX-4247T	230V	2 X 36W	50Hz							
IGBFLCX4247CR	FLCX-4247T W/ EMERGENCY LIGHT 24V	230V	2 X 36W	50Hz							
IGBFLCX4247CU	FLCX-4247T W/ BATTERY BACK-UP 2/3 HRS	230V	2 X 36W	50Hz							
IGBFLCX4247E	FLCX-4247T W/ ELECTRONIC BALLAST	100-240V	2 X 36W	50/60Hz	791884*						
IGBFLCX4247ER	FLCX-4247T W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	2 X 36W	50/60Hz							
IGBFLCX4247EU	FLCX-4247T W/ ELECTRONIC BALLAST & BATTERY BACK-UP 2/3 HRS	100-240V	2 X 36W	50/60Hz							

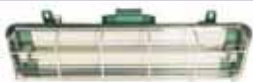
### SANSHIN W.T FLCX CEILING LIGHT W/STEEL GUARD IP56



- Steel Body
- Polycarbonate Diffuser and Steel Guard
- Powder Coated Marine Paint
- Emergency Lights & Battery Back-Up Options Available

BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code
IGBFLCX2165A	FLCX-2165T	110V	1 X 18W	60Hz	791871*
IGBFLCX2165AR	FLCX-2165T W/ EMERGENCY LIGHT 24V	110V	1 X 18W	60Hz	
IGBFLCX2165AU	FLCX-2165T W/ BATTERY BACK-UP 2/3 HRS	110V	1 X 18W	60Hz	
IGBFLCX2165B	FLCX-2165T	220V	1 X 18W	60Hz	791910*
IGBFLCX2165BR	FLCX-2165T W/ EMERGENCY LIGHT 24V	220V	1 X 18W	60Hz	
IGBFLCX2165BU	FLCX-2165T W/ BATTERY BACK-UP 2/3 HRS	220V	1 X 18W	60Hz	
IGBFLCX2165C	FLCX-2165T	230V	1 X 18W	50Hz	
IGBFLCX2165CR	FLCX-2165T W/ EMERGENCY LIGHT 24V	230V	1 X 18W	50Hz	
IGBFLCX2165CU	FLCX-2165T W/ BATTERY BACK-UP 2/3 HRS	230V	1 X 18W	50Hz	
IGBFLCX2165E	FLCX-2165T W/ ELECTRONIC BALLAST	100-240V	1 X 18W	50/60Hz	
IGBFLCX2165ER	FLCX-2165T W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	1 X 18W	50/60Hz	
IGBFLCX2165EU	FLCX-2165T W/ ELECTRONIC BALLAST & BATTERY BACK-UP 2/3 HRS	100-240V	1 X 18W	50/60Hz	
IGBFLCX2265A	FLCX-2265T	110V	2 X 18W	60Hz	791872*
IGBFLCX2265AR	FLCX-2265T W/ EMERGENCY LIGHT 24V	110V	2 X 18W	60Hz	
IGBFLCX2265AU	FLCX-2265T W/ BATTERY BACK-UP 2/3 HRS	110V	2 X 18W	60Hz	
IGBFLCX2265B	FLCX-2265T	220V	2 X 18W	60Hz	791911*
IGBFLCX2265BR	FLCX-2265T W/ EMERGENCY LIGHT 24V	220V	2 X 18W	60Hz	
IGBFLCX2265BU	FLCX-2265T W/ BATTERY BACK-UP 2/3 HRS	220V	2 X 18W	60Hz	
IGBFLCX2265C	FLCX-2265T	230V	2 X 18W	50Hz	
IGBFLCX2265CR	FLCX-2265T W/ EMERGENCY LIGHT 24V	230V	2 X 18W	50Hz	
IGBFLCX2265CU	FLCX-2265T W/ BATTERY BACK-UP 2/3 HRS	230V	2 X 18W	50Hz	
IGBFLCX2265E	FLCX-2265T W/ ELECTRONIC BALLAST	100-240V	2 X 18W	50/60Hz	
IGBFLCX2265ER	FLCX-2265T W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	2 X 18W	50/60Hz	
IGBFLCX2265EU	FLCX-2265T W/ ELECTRONIC BALLAST & BATTERY BACK-UP 2/3 HRS	100-240V	2 X 18W	50/60Hz	
IGBFLCX4165B	FLCX-4165T	220V	1 X 36W	60Hz	
IGBFLCX4165BR	FLCX-4165T W/ EMERGENCY LIGHT 24V	220V	1 X 36W	60Hz	
IGBFLCX4165BU	FLCX-4165T W/ BATTERY BACK-UP 2/3 HRS	220V	1 X 36W	60Hz	
IGBFLCX4165C	FLCX-4165T	230V	1 X 36W	50Hz	
IGBFLCX4165CR	FLCX-4165T W/ EMERGENCY LIGHT 24V	230V	1 X 36W	50Hz	

### SANSHIN W.T FLC CEILING LIGHT W/STEEL GUARD IP56



- Steel Body
- Polycarbonate Diffuser and Steel Guard
- Paint Coated

BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code
IGBFLC2148A	FLC-2148T	110V	20W	60Hz	791871
IGBFLC2148B	FLC-2148T	220V	20W	60Hz	
IGBFLC2148C	FLC-2148T	230V	20W	50Hz	791910
IGBFLC2148E	FLC-2148ET W/ ELECTRONIC BALLAST	100-240V	20W	50/60Hz	
IGBFLC2248A	FLC-2248T	110V	2 X 20W	60Hz	791872
IGBFLC2248B	FLC-2248T	220V	2 X 20W	60Hz	791911
IGBFLC2248E	FLC-2248ET W/ ELECTRONIC BALLAST	100-240V	2 X 20W	50/60Hz	
IGBFLC4148A	FLC-4148T	110V	40W	60Hz	791873

BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code
IGBFLCX4165CU	FLCX-4165T W/ BATTERY BACK-UP 2/3 HRS	230V	1 X 36W	50Hz	
IGBFLCX4165E	FLCX-4165T W/ ELECTRONIC BALLAST	100-240V	1 X 36W	50/60Hz	
IGBFLCX4165ER	FLCX-4165T W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	1 X 36W	50/60Hz	
IGBFLCX4165EU	FLCX-4165T W/ ELECTRONIC BALLAST & BATTERY BACK-UP 2/3 HRS	100-240V	1 X 36W	50/60Hz	
IGBFLCX4265B	FLCX-4265T	220V	2 X 36W	60Hz	791877*
IGBFLCX4265BR	FLCX-4265T W/ EMERGENCY LIGHT 24V	220V	2 X 36W	60Hz	
IGBFLCX4265BU	FLCX-4265T W/ BATTERY BACK-UP 2/3 HRS	220V	2 X 36W	60Hz	
IGBFLCX4265C	FLCX-4265T	230V	2 X 36W	50Hz	
IGBFLCX4265CR	FLCX-4265T W/ EMERGENCY LIGHT 24V	230V	2 X 36W	50Hz	
IGBFLCX4265CU	FLCX-4265T W/ BATTERY BACK-UP 2/3 HRS	230V	2 X 36W	50Hz	
IGBFLCX4265E	FLCX-4265T W/ ELECTRONIC BALLAST	100-240V	2 X 36W	50/60Hz	791874*
IGBFLCX4265ER	FLCX-4265T W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	2 X 36W	50/60Hz	
IGBFLCX4265EU	FLCX-4265T W/ ELECTRONIC BALLAST & BATTERY BACK-UP 2/3 HRS	100-240V	2 X 36W	50/60Hz	

### SANSHIN W.T CEILING LIGHT IP66



- GRP Body, Stainless Steel Brackets  
- Polycarbonate Diffuser

BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code
IGBFLC2266A	FLC-2266 FL LIGHT	110V	2 X 20W	60Hz	
IGBFLC2266B	FLC-2266	220V	2 X 20W	60Hz	
IGBFLC2266E	FLC-2266 W/ ELECTRONIC BALLAST	100-240V	2 X 20W	50/60Hz	
IGBFLC4266A	FLC-4266	110V	2 X 40W	60Hz	
IGBFLC4266B	FLC-4266	220V	2 X 40W	60Hz	
IGBFLC4266E	FLC-4266 W/ ELECTRONIC BALLAST	100-240V	2 X 40W	50/60Hz	

### SANSHIN W.T CEILING LIGHT W/ S.STEEL GUARD IP66



- GRP Body, Stainless Steel Brackets  
- Polycarbonate Diffuser and Stainless Steel Guard

BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code
IGBFLC2268A	FLC-2268	110V	2 X 20W	60Hz	
IGBFLC2268B	FLC-2268	220V	2 X 20W	60Hz	
IGBFLC2268E	FLC-2268E W/ ELECTRONIC BALLAST	100-240V	2 X 20W	50/60Hz	
IGBFLC4268A	FLC-4268	110V	2 X 40W	60Hz	
IGBFLC4268B	FLC-4268	220V	2 X 40W	60Hz	
IGBFLC4268E	FLC-4268E W/ ELECTRONIC BALLAST	100-240V	2 X 40W	50/60Hz	

### SANSHIN DRIP PROOF CEILING LIGHT IP44



- Steel Body and Guard

BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code
IGBFLC2145E	FLC-2145T W/ ELECTRONIC BALLAST	100-240V	1 x 20W	50/60Hz	791861*
IGBFLC2145ER	FLC-2145T W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	1 x 20W	50/60Hz	
IGBFLC2145EU2	FLC-2145T W/ ELECTRONIC BALLAST & BATTERY BACK-UP 2HRS	100-240V	1 x 20W	50/60Hz	
IGBFLC2145EU3	FLC-2145T W/ ELECTRONIC BALLAST & BATTERY BACK-UP 3HRS	100-240V	1 x 20W	50/60Hz	
IGBFLC2245E	FLC-2245T W/ ELECTRONIC BALLAST	100-240V	2 X 20W	50/60Hz	791862*
IGBFLC2245ER	FLC-2245T W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	2 X 20W	50/60Hz	
IGBFLC2245EU2	FLC-2245T W/ ELECTRONIC BALLAST & BATTERY BACK-UP 2HRS	100-240V	2 X 20W	50/60Hz	
IGBFLC2245EU3	FLC-2245T W/ ELECTRONIC BALLAST & BATTERY BACK-UP 3HRS	100-240V	2 X 20W	50/60Hz	

### SANSHIN DRIP PROOF RECESS CEILING LIGHT IP44



- Steel Body with Diffuser

BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code
B1022520	FLC-2252	110/220V	2 X 20W	50/60Hz	

### GEWISS INDUSTRIAL W.T CEILING LIGHT IP65



- GRP Body and Polycarbonate Diffuser

BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code
B5741180	GW80101 ZNT	110/220V	1 X 18W		
B5742180	GW80104 ZNT	110/220V	2 X 18W		
B5741360	GW80102 ZNT	110/220V	1 X 36W		
B5742360	GW80105 ZNT	110/220V	2 X 36W		

### SUNLUX INDUSTRIAL W.T CEILING LIGHT IP65



- ABS Body and Polycarbonate Diffuser

BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code
IGBSUN118A	SUN118	110V	1 x 18W	60Hz	
IGBSUN118B	SUN118	220V	1 x 18W	60Hz	
IGBSUN118C	SUN118	230V	1 x 18W	50Hz	
IGBSUN118E	SUN118 W/ ELECTRONIC BALLAST	100-240V	1 x 18W	50/60Hz	
IGBSUN136A	SUN136	110V	1 x 36W	60Hz	
IGBSUN136B	SUN136	220V	1 x 36W	60Hz	
IGBSUN136C	SUN136	230V	1 x 36W	50Hz	
IGBSUN136E	SUN136 W/ ELECTRONIC BALLAST	100-240V	1 x 36W	50/60Hz	
IGBSUN218A	SUN218	110V	2 X 18W	60Hz	
IGBSUN218B	SUN218	220V	2 X 18W	60Hz	

BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code	BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code
IGBSUN218C	SUN218	230V	2 X 18W	50Hz		IGBDEP3822CU3	POLAMREM DEP38 FL LIGHT W/BATTERY BACK-UP 3HRS	230V	2 X 18W	50Hz	
IGBSUN218E	SUN218 W/ ELECTRONIC BALLAST	100-240V	2 X 18W	50/60Hz		IGBDEP3822E	POLAMREM DEP38 FL LIGHT ELECTRONIC BALLAST	100-240V	2 X 18W	50/60Hz	
IGBSUN236A	SUN236	110V	2 X 36W	60Hz		IGBDEP3822ER	POLAMREM DEP38 FL LIGHT ELECTRONIC BALLAST W/EMERGENCY LIGHT 24V	100-240V	2 X 18W	50/60Hz	
IGBSUN236B	SUN236	220V	2 X 36W	60Hz		IGBDEP3822EU2	POLAMREM DEP38 FL LIGHT ELECTRONIC BALLAST W/BATTERY BACK-UP 2HRS	100-240V	2 X 18W	50/60Hz	
IGBSUN236C	SUN236	230V	2 X 36W	50Hz		IGBDEP3822EU3	POLAMREM DEP38 FL LIGHT ELECTRONIC BALLAST W/BATTERY BACK-UP 3HRS	100-240V	2 X 18W	50/60Hz	
IGBSUN236E	SUN236 W/ ELECTRONIC BALLAST	100-240V	2 X 36W	50/60Hz		IGBDEP3824B	POLAMREM DEP38 FL LIGHT	220V	2 X 36W	60Hz	

## Non-Watertight Ceiling Lights

### POLAMREM ELP33 CORNER LIGHTINGS IP30

- Emergency Lights & Battery Back-Up Options Available



BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code	BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code
IGBELP3312A	ELP33 CORNICE FL LIGHT	110V	1 X 18W			IGBDEP3824C	POLAMREM DEP38 FL LIGHT	230V	2 X 36W	50Hz	
IGBELP3312B	ELP33 CORNICE FL LIGHT	220V	1 X 18W			IGBDEP3824CR	POLAMREM DEP38 FL LIGHT W/EMERGENCY LIGHT 24V	230V	2 X 36W	50Hz	
IGBELP3312C	ELP33 CORNICE FL LIGHT	230V	1 X 18W			IGBDEP3824CU2	POLAMREM DEP38 FL LIGHT W/BATTERY BACK-UP 2HRS	230V	2 X 36W	50Hz	
IGBELP3312E	ELP33 CORNICE FL LIGHT W/ ELECTRONIC BALLAST	100-240V	1 X 18W			IGBDEP3824CU3	POLAMREM DEP38 FL LIGHT W/BATTERY BACK-UP 3HRS	230V	2 X 36W	50Hz	
IGBELP3314B	ELP33 CORNICE FL LIGHT	220V	1 X 36W			IGBDEP3824E	POLAMREM DEP38 FL LIGHT ELECTRONIC BALLAST	100-240V	2 X 36W	50/60Hz	
IGBELP3314C	ELP33 CORNICE FL LIGHT	230V	1 X 36W			IGBDEP3824ER	POLAMREM DEP38 FL LIGHT ELECTRONIC BALLAST W/EMERGENCY LIGHT 24V	100-240V	2 X 36W	50/60Hz	
IGBELP3314E	ELP33 CORNICE FL LIGHT W/ ELECTRONIC BALLAST	100-240V	1 X 36W			IGBDEP3824EU2	POLAMREM DEP38 FL LIGHT ELECTRONIC BALLAST W/BATTERY BACK-UP 2HRS	100-240V	2 X 36W	50/60Hz	
IGBELP3322A	ELP33 CORNICE FL LIGHT	110V	2 X 18W			IGBDEP3824EU3	POLAMREM DEP38 FL LIGHT ELECTRONIC BALLAST W/BATTERY BACK-UP 3HRS	100-240V	2 X 36W	50/60Hz	
IGBELP3322B	ELP33 CORNICE FL LIGHT	220V	2 X 18W								
IGBELP3322C	ELP33 CORNICE FL LIGHT	230V	2 X 18W								
IGBELP3322E	ELP33 CORNICE FL LIGHT W/ ELECTRONIC BALLAST	100-240V	2 X 18W								
IGBELP3324B	ELP33 CORNICE FL LIGHT	220V	2 X 36W								
IGBELP3324C	ELP33 CORNICE FL LIGHT	230V	2 X 36W								
IGBELP3324E	ELP33 CORNICE FL LIGHT W/ ELECTRONIC BALLAST	100-240V	2 X 36W								

### POLAMREM DEP38 FL LIGHT IP44

- Emergency Lights & Battery Back-Up Options Available




BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code	BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code
IGBDEP3822A	POLAMREM DEP38 FL LIGHT	110V	2 X 18W	60Hz		IGBFLC2144A	FLC-2144	110V	1 X 20W	60Hz	791841
IGBDEP3822AR	POLAMREM DEP38 FL LIGHT W/EMERGENCY LIGHT 24V	110V	2 X 18W	60Hz		IGBFLC2144AR	FLC-2144 W/ EMERGENCY LIGHT 24V	110V	1 X 20W	60Hz	
IGBDEP3822AU2	POLAMREM DEP38 FL LIGHT W/BATTERY BACK-UP 2HRS	110V	2 X 18W	60Hz		IGBFLC2144AU3	FLC-2144 W/ BATTERY BACK-UP 3HRS	110V	1 X 20W	60Hz	
IGBDEP3822AU3	POLAMREM DEP38 FL LIGHT W/BATTERY BACK-UP 3HRS	110V	2 X 18W	60Hz		IGBFLC2144B	FLC-2144	220V	1 X 20W	60Hz	791902
IGBDEP3822B	POLAMREM DEP38 FL LIGHT	220V	2 X 18W	60Hz		IGBFLC2144BR	FLC-2144 W/ EMERGENCY LIGHT 24V	220V	1 X 20W	60Hz	
IGBDEP3822BR	POLAMREM DEP38 FL LIGHT W/EMERGENCY LIGHT 24V	220V	2 X 18W	60Hz		IGBFLC2144BU3	FLC-2144 W/ BATTERY BACK-UP 3HRS	220V	1 X 20W	60Hz	
IGBDEP3822BU2	POLAMREM DEP38 FL LIGHT W/BATTERY BACK-UP 2HRS	220V	2 X 18W	60Hz		IGBFLC2144C	FLC-2144	230V	1 X 20W	50Hz	
IGBDEP3822BU3	POLAMREM DEP38 FL LIGHT W/BATTERY BACK-UP 3HRS	220V	2 X 18W	60Hz		IGBFLC2144CR	FLC-2144 W/ EMERGENCY LIGHT 24V	230V	1 X 20W	50Hz	
IGBDEP3822C	POLAMREM DEP38 FL LIGHT	230V	2 X 18W	50Hz		IGBFLC2144CU3	FLC-2144 W/ BATTERY BACK-UP 3HRS	230V	1 X 20W	50Hz	
IGBDEP3822CR	POLAMREM DEP38 FL LIGHT W/EMERGENCY LIGHT 24V	230V	2 X 18W	50Hz		IGBFLC2144E	FLC-2144 W/ ELECTRONIC BALLAST	100-240V	1 X 20W	50/60Hz	
IGBDEP3822CU2	POLAMREM DEP38 FL LIGHT W/BATTERY BACK-UP 2HRS	230V	2 X 18W	50Hz		IGBFLC2144ER	FLC-2144 W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	1 X 20W	50/60Hz	
						IGBFLC2144EU3	FLC-2144 W/ ELECTRONIC BALLAST & BATTERY BACK-UP 3HRS	100-240V	1 X 20W	50/60Hz	
						IGBFLC2244A	FLC-2244	110V	2 X 20W	60Hz	791843
						IGBFLC2244AR	FLC-2244 W/ EMERGENCY LIGHT 24V	110V	2 X 20W	60Hz	
						IGBFLC2244AU3	FLC-2244 W/ BATTERY BACK-UP 3HRS	110V	2 X 20W	60Hz	

### SANSHIN N.W.T CEILING LIGHT IP20

- Emergency Lights & Battery Back-Up Options Available



BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code	SANSHIN N.W.T RECESS CEILING LIGHT IP20					
IGBFLC2244B	FLC-2244	220V	2 X 20W	60Hz	791903	 - Emergency Lights & Battery Back-Up Options Available					
IGBFLC2244BR	FLC-2244 W/ EMERGENCY LIGHT 24V	220V	2 X 20W	60Hz							
IGBFLC2244BU	FLC-2244 W/ BATTERY BACK-UP 3HRS	220V	2 X 20W	60Hz		<b>BH Code</b>	<b>Type</b>	<b>Voltage</b>	<b>Current/ Watts</b>	<b>Hz</b>	<b>IMPA Code</b>
IGBFLC2244C	FLC-2244	230V	2 X 20W	50Hz		IGBFLC2149A	FLC-2149	110V	1 X 20W	60Hz	791851
IGBFLC2244CR	FLC-2244 W/ EMERGENCY LIGHT 24V	230V	2 X 20W	50Hz		IGBFLC2149AR	FLC-2149 W/ EMERGENCY LIGHT 24V	110V	1 X 20W	60Hz	
IGBFLC2244CU3	FLC-2244 W/ BATTERY BACK-UP 3HRS	230V	2 X 20W	50Hz		IGBFLC2149AU3	FLC-2149 W/ BATTERY BACK-UP 3HRS	110V	1 X 20W	60Hz	
IGBFLC2244E	FLC-2244 W/ ELECTRONIC BALLAST	100-240V	2 X 20W	50/60Hz		IGBFLC2149B	FLC-2149	220V	1 X 20W	60Hz	791905
IGBFLC2244ER	FLC-2244 W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	2 X 20W	50/60Hz		IGBFLC2149BR	FLC-2149 W/ EMERGENCY LIGHT 24V	220V	1 X 20W	60Hz	
IGBFLC2244EU3	FLC-2244 W/ ELECTRONIC BALLAST & BATTERY BACK-UP 3HRS	100-240V	2 X 20W	50/60Hz		IGBFLC2149BU3	FLC-2149 W/ BATTERY BACK-UP 3HRS	220V	1 X 20W	60Hz	
IGBFLC4144A	FLC-4144	110V	1 X 40W	60Hz	791842	IGBFLC2149C	FLC-2149	230V	1 X 20W	50Hz	
IGBFLC4144AR	FLC-4144 W/ EMERGENCY LIGHT 24V	110V	1 X 40W	60Hz		IGBFLC2149CR	FLC-2149 W/ EMERGENCY LIGHT 24V	230V	1 X 20W	50Hz	
IGBFLC4144AU3	FLC-4144 W/ BATTERY BACK-UP 3HRS	110V	1 X 40W	60Hz		IGBFLC2149CU3	FLC-2149 W/ BATTERY BACK-UP 3HRS	230V	1 X 20W	50Hz	
IGBFLC4144B	FLC-4144	220V	1 X 40W	60Hz	791846	IGBFLC2149E	FLC-2149 W/ ELECTRONIC BALLAST	100-240V	1 X 20W	50/60Hz	
IGBFLC4144BR	FLC-4144 W/ EMERGENCY LIGHT 24V	220V	1 X 40W	60Hz		IGBFLC2149ER	FLC-2149 W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	1 X 20W	50/60Hz	
IGBFLC4144BU3	FLC-4144 W/ BATTERY BACK-UP 3HRS	220V	1 X 40W	60Hz		IGBFLC2149EU3	FLC-2149 W/ ELECTRONIC BALLAST & BATTERY BACK-UP 3HRS	100-240V	1 X 20W	50/60Hz	
IGBFLC4144C	FLC-4144	230V	1 X 40W	50Hz		IGBFLC2249A	FLC-2249	110V	2 X 20W	60Hz	791853
IGBFLC4144CR	FLC-4144 W/ EMERGENCY LIGHT 24V	230V	1 X 40W	50Hz		IGBFLC2249AR	FLC-2249 W/ EMERGENCY LIGHT 24V	110V	2 X 20W	60Hz	
IGBFLC4144CU3	FLC-4144 W/ BATTERY BACK-UP 3HRS	230V	1 X 40W	50Hz		IGBFLC2249AU3	FLC-2249 W/ BATTERY BACK-UP 3HRS	110V	2 X 20W	60Hz	
IGBFLC4144E	FLC-4144 W/ ELECTRONIC BALLAST	100-240V	1 X 40W	50/60Hz		IGBFLC2249B	FLC-2249	220V	2 X 20W	60Hz	791906
IGBFLC4144ER	FLC-4144 W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	1 X 40W	50/60Hz		IGBFLC2249BR	FLC-2249 W/ EMERGENCY LIGHT 24V	220V	2 X 20W	60Hz	
IGBFLC4144EU3	FLC-4144 W/ ELECTRONIC BALLAST & BATTERY BACK-UP 3HRS	100-240V	1 X 40W	50/60Hz		IGBFLC2249BU3	FLC-2249 W/ BATTERY BACK-UP 3HRS	220V	2 X 20W	60Hz	
IGBFLC4244A	FLC-4244	110V	2 X 40W	60Hz	791844	IGBFLC2249C	FLC-2249	230V	2 X 20W	50Hz	
IGBFLC4244AR	FLC-4244 W/ EMERGENCY LIGHT 24V	110V	2 X 40W	60Hz		IGBFLC2249CR	FLC-2249W/ EMERGENCY LIGHT 24V	230V	2 X 20W	50Hz	
IGBFLC4244AU3	FLC-4244 W/ BATTERY BACK-UP 3HRS	110V	2 X 40W	60Hz		IGBFLC2249CU3	FLC-2249 W/ BATTERY BACK-UP 3HRS	230V	2 X 20W	50Hz	
IGBFLC4244B	FLC-4244	220V	2 X 40W	60Hz	791847	IGBFLC2249E	FLC-2249 W/ ELECTRONIC BALLAST	100-240V	2 X 20W	50/60Hz	
IGBFLC4244BR	FLC-4244 W/ EMERGENCY LIGHT 24V	220V	2 X 40W	60Hz		IGBFLC2249ER	FLC-2249 W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	2 X 20W	50/60Hz	
IGBFLC4244BU3	FLC-4244 W/ BATTERY BACK-UP 3HRS	220V	2 X 40W	60Hz		IGBFLC2249EU3	FLC-2249 W/ ELECTRONIC BALLAST & BATTERY BACK-UP 3HRS	100-240V	2 X 20W	50/60Hz	
IGBFLC4244C	FLC-4244	230V	2 X 40W	50Hz		IGBFLC4149A	FLC-4149	110V	1 X 40W	60Hz	791852
IGBFLC4244CR	FLC-4244 W/ EMERGENCY LIGHT 24V	230V	2 X 40W	50Hz		IGBFLC4149AR	FLC-4149 W/ EMERGENCY LIGHT 24V	110V	1 X 40W	60Hz	
IGBFLC4244CU3	FLC-4244 W/ BATTERY BACK-UP 3HRS	230V	2 X 40W	50Hz		IGBFLC4149AU3	FLC-4149 W/ BATTERY BACK-UP 3HRS	110V	1 X 40W	60Hz	
IGBFLC4244E	FLC-4244 W/ ELECTRONIC BALLAST	100-240V	2 X 40W	50/60Hz		IGBFLC4149B	FLC-4149	220V	1 X 40W	60Hz	791857
IGBFLC4244ER	FLC-4244 W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	2 X 40W	50/60Hz		IGBFLC4149BR	FLC-4149 W/ EMERGENCY LIGHT 24V	220V	1 X 40W	60Hz	
IGBFLC4244EU3	FLC-4244 W/ ELECTRONIC BALLAST & BATTERY BACK-UP 3HRS	100-240V	2 X 40W	50/60Hz		IGBFLC4149BU3	FLC-4149 W/ BATTERY BACK-UP 3HRS	220V	1 X 40W	60Hz	
						IGBFLC4149C	FLC-4149	230V	1 X 40W	50Hz	
						IGBFLC4149CR	FLC-4149 W/ EMERGENCY LIGHT 24V	230V	1 X 40W	50Hz	
						IGBFLC4149CU3	FLC-4149 W/ BATTERY BACK- UP 3HRS	230V	1 X 40W	50Hz	
						IGBFLC4149E	FLC-4149 W/ ELECTRONIC BALLAST	100-240V	1 X 40W	50/60Hz	

BH Code	Type	Voltage	Current/ Watts	Hz	IMPA Code
IGBFLC4149ER	FLC-4149 W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	1 X 40W	50/60Hz	
IGBFLC4149EU3	FLC-4149 W/ ELECTRONIC BALLAST & BATTERY BACK-UP 3HRS	100-240V	1 X 40W	50/60Hz	
IGBFLC4249A	FLC-4249	110V	2 X 40W	60Hz	791854
IGBFLC4249AR	FLC-4249 W/ EMERGENCY LIGHT 24V	110V	2 X 40W	60Hz	
IGBFLC4249AU3	FLC-4249 W/ BATTERY BACK-UP 3HRS	110V	2 X 40W	60Hz	
IGBFLC4249B	FLC-4249	220V	2 X 40W	60Hz	791858
IGBFLC4249BR	FLC-4249 W/ EMERGENCY LIGHT 24V	220V	2 X 40W	60Hz	
IGBFLC4249BU3	FLC-4249 W/ BATTERY BACK-UP 3HRS	220V	2 X 40W	60Hz	
IGBFLC4249C	FLC-4249	230V	2 X 40W	50Hz	
IGBFLC4249CR	FLC-4249 W/ EMERGENCY LIGHT 24V	230V	2 X 40W	50Hz	
IGBFLC4249CU3	FLC-4249 W/ BATTERY BACK-UP 3HRS	230V	2 X 40W	50Hz	
IGBFLC4249E	FLC-4249 W/ ELECTRONIC BALLAST	100-240V	2 X 40W	50/60Hz	
IGBFLC4249ER	FLC-4249 W/ ELECTRONIC BALLAST & EMERGENCY LIGHT 24V	100-240V	2 X 40W	50/60Hz	
IGBFLC4249EU3	FLC-4249 W/ ELECTRONIC BALLAST & BATTERY BACK-UP 3HRS	100-240V	2 X 40W	50/60Hz	

### SANSHIN N.W.T FLUSH CIRCULAR CEILING LIGHT IP20



BH Code	Type	Voltage	Current/ Watts	IMPA Code
B1031050	FCC-3105	110/220V	30W	

## Mirror Lights

### SANSHIN W.T MIRROR LIGHT W/SWITCH & SOCKET IP56



BH Code	Type	Voltage	Current/ Watts	IMPA Code
B1046100	FUW-10	110/220V	10W	
B1046150	FUW-15	110/220V	15W	
B1046200	FUW-20	110V/220V	20W	

### SANSHIN N.W.T MIRROR LIGHT W/SWITCH & SOCKET IP20



BH Code	Type	Voltage	Current/ Watts	IMPA Code
B1045101	FLM-1115	110/220V	10W	

### SANSHIN N.W.T MIRROR LIGHT W/CABINET IP20



BH Code	Type	Voltage	Current/ Watts	IMPA Code
B1043400	TW-S34EF	110/220V	8W	

## Berth Lights

### POLAMREM KJP27 SURFACE BERTH LIGHT IP44



- Zinc Coated Steel Body
- Powder coated white
- Polycarbonate diffuser, opal

BH Code	Type	Voltage	Current/ Watts	IMPA Code
IGBKJP27A	KJP27 IP44	120V	1x15W	
IGBKJP27B	KJP27 IP44	220V	1 X 15W	
IGBKJP27C	KJP27 IP44	230V	1 X 15W	
IGBKJP27L	KJP27 LED IP44	220-240V	1X11W	

### POLAMREM KJP41 SURFACE BERTH LIGHT IP30



- Zinc Coated Steel Body
- Powder coated white
- Polycarbonate diffuser, opal

BH Code	Type	Voltage	Current/ Watts	IMPA Code
IGBKJP411090	KJP41-1090 IP30	230V	1X7W/9W	
IGBKJP411091	KJP41-1091 IP30	220V	1X7W/9W	
IGBKJP411092	KJP41-1092 IP30	118V	1X7W/9W	

### SANSHIN BERTH LIGHT IP20



BH Code	Type	Voltage	Current/ Watts	IMPA Code
B1045080	FLB-8115	110/220V	8W	792141/792145
B1045100	FLB-1115	110/220V	10W	792142/792146
B1045150	FLB-5115	110/220V	15W	792143/792147

## Corner/Exit Lights

### SANSHIN CORNER LIGHT IP20



BH Code	Type	Voltage	Current/ Watts	IMPA Code
B1021050	FLW-2105	110/220V	20W	

## Desk Lights

### SANSHIN DESK LIGHT



BH Code	Type	Voltage	Current/ Watts	IMPA Code
B1041558	KS-1558	110/220V	15W	



## POLAMREM DESK LIGHT



BH Code	Type	Voltage	Current/Watts	IMPA Code
B9551270	PL. TIP20 WALL/DESK LIGHT E27	-	60W	

## Chart Table Lights

### SANSHIN CHART TABLE LIGHT



BH Code	Type	Voltage	Current/Watts	IMPA Code
B1018600	OHISHI 3ZR	110/220V	60W	792121
B1018605	DIMMER SWITCH FOR CHART LIGHT	110V	-	
B1018606	DIMMER SWITCH FOR CHART LIGHT	220V	-	

### SUNLUX LED CHART TABLE LIGHT



BH Code	Type	Voltage	Current/Watts	IMPA Code
B5371043	UT04S UNIVERSAL DESK/CLIP/WALL 50/60Hz SILVER	100-240VAC	4W	
B5371051	ML05W MAGNIFYING 50/60Hz WHITE	100-240VAC	5W	
B5371052	ML05B MAGNIFYING 50/60Hz BLACK	100-240VAC	5W	
B5371071	ST107W WITH CLAMP BRACKET 50/60Hz WHITE	100-240VAC	10W	792128*
B5371072	ST107B WITH CLAMP BRACKET 50/60Hz BLACK	100-240VAC	10W	792128*
B5371081	ST108W WITH TABLE BASE 50/60Hz WHITE	100-240VAC	10W	792129*
B5371082	ST108B WITH TABLE BASE 50/60Hz BLACK	100-240VAC	10W	792129*

## Down Lights

### POLAMREM RECESSED DOWN LIGHT IP20



- Galvanized steel, powder coated white
- Reflector- aluminum finished in gold, silver

BH Code	Type	Voltage	Current/Watts	IMPA Code
IGBDLP38113E	POLAMREM DLP38 - 1130 ELECTRONIC BALLAST	230V	13W	
IGBDLP38118E	POLAMREM DLP38 - 1180 ELECTRONIC BALLAST	230V	18W	
IGBDLP38118ED	POLAMREM DLP38 - 1180 ELECTRONIC BALLAST DIMMABLE	230V	18W	

## Watertight Incandescent Lights

### SANSHIN W.T WALL LIGHT IP56



BH Code	Type	Voltage	Current/Watts	IMPA Code
B1010220	LB-1 W.T WALL BRACKET LIGHT	24 - 250V	20W	792067
B1010260	LB-2 W.T WALL BRACKET LIGHT	24 - 250V	60W	792068
B1010320	LBF-1 W.T WALL LIGHT	24 - 250V	20W	792067
B1010360	LBF-2 W.T WALL LIGHT	24 - 250V	60W	792068
B1010601	TYPE W W.T WALL LIGHT E26 792066	250V	60W	792066

### SANSHIN W.T PENDANT LIGHT IP56



BH Code	Type	Voltage	Current/Watts	IMPA Code
B1010120	L-1E W.T PENDANT LIGHT	24 - 250V	20W	792054
B1010160	L-2E W.T PENDANT LIGHT	24 - 250V	60W	792057
B1010401	3M W.T PENDANT LIGHT E26	250V	100W	792060

### WISKA W.T WALL LIGHT IP68



BH Code	Type	Voltage	Current/Watts	IMPA Code
B3010262	1026/2 BRASS CEILING LIGHT FLAT	-	100W	

### WISKA W.T PENDANT LIGHT IP68



BH Code	Type	Voltage	Current/Watts	IMPA Code
B3010312	1031/2 BRASS	24 - 250V	100W	
B3011310	1131/2/CR BRASS E27	24 - 250V	60W	
B3011312	1131/2/gk/1974 BRASS E27	24 - 250V	100W	
B3011912	1191/2/1974 BRASS E27	24 - 250V	100W	
B3020000	2000 MULTIPURPOSE FIXTURE	120/220V	PL13W/18W INCANDESCENT	

## Portable Hand Lamps

### HAND LAMP



BH Code	Type	Voltage	Current/Watts	IMPA Code
B1010860	SANSHIN WT-60 HAND LAMP IP56 E26	24 - 250V	60W	792151
B5255020	SUNLUX FPL120 W.T FL HAND LAMP IP68	110/220V	1 X 20W	792182/84

BH Code	Type	Voltage	Current/Watts	IMPA Code	BH Code	Type	System Power	IMPA Code
B5255040	SUNLUX FPL140 W.T FL HAND LAMP IP68	110/220V	1 X 40W		LAMFL25NA2	MFL2NA2 10800LM (2M) 220-240V AC 5000K 45° W/ 5M CABLE IP66	112W	
B5501405	SUNLUX PWL-108 LED HAND LAMP	100-240V	5W		LAMFL25FA2	MFL2FA2 11000LM (2M) 220-240V AC 5000K 115° W/ 5M CABLE IP66	112W	791820*/25*

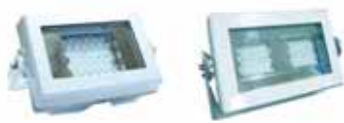
## RUBBER HAND LAMP



BH Code	Type	Voltage	Current/Watts	IMPA Code
B5500050	GSH 402 E27	230V	60W	
B5500060	GSH 402 B22	230V	60W	

## SOP LED Lightings

### SOP FL SERIES LED FLOODLIGHT IP66



BH Code	Type	System Power	IMPA Code
LAF80ND	FL80ND 7550LM 24V DC 5700K 10°	80W	
LAF80FD	FL80FD 7550LM 24V DC 5700K 50°	80W	
LAF85NAD	FL85NAD 7550LM 100-240V AC/DC 5700K 10°	85W	
LAF85FAD	FL85FAD 7550LM 100-240V AC/DC 5700K 50°	85W	
LAF160ND	FL160ND 15150LM 24V DC 5700K 10°	160W	
LAF160FD	FL160FD 15150LM 24V DC 5700K 50°	160W	
LAF165NAD	FL165NAD 15150LM 100-240V AC/DC 5700K 10°	165W	
LAF165FAD	FL165FAD 15150LM 100-240V AC/DC 5700K 50°	165W	

### SOP MFL SERIES LED MODULAR FLOOD LIGHT



BH Code	Type	System Power	IMPA Code
LAMFL15FA1	MFL1FA1 4500LM (1M) 100-120V AC 5000K 105° W/ 5M CABLE IP66	56W	791818*/19*
LAMFL15NA1	MFL1NA1 4500LM (1M) 100-120V AC 5000K 45° W/ 5M CABLE IP66	56W	
LAMFL15ND	MFL1ND 4600LM (1M) 24V DC 5000K 35° W/ 5M CABLE IP66	56W	
LAMFL15NA2S	MFL1NA2S 5200LM 220-240V AC 5000K 40° W/ 1.5M CABLE IP66	56W	
LAMFL15FA2S	MFL1FA2S 5200LM 220-240V AC 5000K 120° W/ 1.5M CABLE IP66	56W	791818*/19*
LAMFL15FDS	MFL1FDS 5200LM 24V DC 5000K 120° W/ 1.5M CABLE IP66	56W	
LAMFL25NA1	MFL2NA1 9000LM (2M) 100-120V AC 5000K 45° W/ 5M CABLE IP66	112W	
LAMFL25FA1	MFL2FA1 9000LM (2M) 100-120V AC 5000K 105° W/ 5M CABLE IP66	112W	791820*/25*
LAMFL25ND	MFL2ND 9200LM (2M) 24V DC 5000K 35° W/5M CABLE IP66	112W	
LAMFL25FD	MFL2FD 9800LM (2M) 24V DC 5000K 130° W/5M CABLE IP66	112W	

### SOP HG SERIES LED PORTABLE WORK LIGHT IP56



BH Code	Type	System Power	IMPA Code
IGLAHGSL10A1PC	HGLS10A1PC 900LM 100-120V AC 5000K W/ CLEAR PC GUARD	12W	
IGLAHGSL10A2PC	HGLS10A2PC 900LM 220V-240V AC 5000K W/ CLEAR PC GUARD	13W	
IGLAHGSL10DPR	HGLS10DPR 900LM 24V DC 5000K W/ RED PC GUARD	10W	
IGLHGLMU03050PC	HG-LMU03050 2900LM 100-240V AC/DC 5000K W/ CLEAR PC GUARD	30W	
IGLHGLMU03050PR	HG-LMU03050 2900LM 100-240V AC/DC 5000K W/ RED PC GUARD	30W	

### SOP EG SERIES LED PENDANT LIGHT IP56



BH Code	Type	System Power	IMPA Type	IMPA Code
IGLAEGLS10A1PC	EG-LS10A1PC 900LM 100-120V AC 5000K, W/CLEAR PC GUARD	12W	LS10A1PC	792070
IGLAEGLS10A2PC	EG-LS10A2PC 900LM 220V-240V AC 5000K, W/CLEAR PC GUARD	13W	LS10A2PC	792092
IGLAEGLS10DPR	EG-LS10DPR 950LM 24V DC 5000K, W/RED PC GUARD	10W	LMD01050PR	792093
IGLEGLMU03050PC	EG-LMU03050 2900LM 100-240V AC/DC 5000K, W/CLEAR PC GUARD	30W	LMU03050PC	792096
IGLEGLMU03050PR	EG-LMU03050 2900LM 100-240V AC/DC 5000K, W/RED PC GUARD	30W	LMU03050PR	792097

## SOP BG/FG SERIES LED WALL LIGHT IP56



BH Code	Type	System Power	IMPA Type	IMPA Code
IGLABGLS10DPR	BG-LS10DPR SIDE ENTRY 950LM 24V DC 5000K, W/RED PC GUARD	10W	LMD01050PR	792043
IGLABGLS10A1PC	BG-LS10A1PC SIDE ENTRY 900LM 100-120V AC 5000K, W/CLEAR PC GUARD	12W	LS10A1PC	792041
IGLABGLS10A2PC	BG-LS10A2PC SIDE ENTRY 900LM 220V-240V AC 5000K, W/ CLEAR PC GUARD	13W	LS10A2PC	792042
IGLBGLMU03050PC	BG-LMU03050 SIDE ENTRY 950LM 100V-240V AC/DC 5000K, W/CLEAR PC GUARD	30W	LMU03050PC	
IGLBGLMU03050PR	BG-LMU03050 SIDE ENTRY 950LM 100V-240V AC/DC 5000K, W/RED PC GUARD	30W	LMU03050PR	
IGLAFGLS10DPR	FG-LS10DPR BACK ENTRY 950LM 24VDC 5000K, W/RED PC GUARD	10W	LMD01050PR	792049
IGLAFGLS10A1PC	FG-LS10A1PC BACK ENTRY 900LM 100-120V AC 5000K, W/CLEAR PC GUARD	12W	LS10A1PC	792047
IGLAFGLS10A2PC	FG-LS10A2PC BACK ENTRY 900LM 220V-240V AC 5000K, W/CLEAR PC GUARD	13W	LS10A2PC	792048
IGLFGLMU03050PC	FG-LMU03050 BACK ENTRY 2900LM 100-240V AC/DC 5000K, W/CLEAR PC GUARD	30W	LMU03050PC	792064
IGLFGLMU03050PR	FG-LMU03050 BACK ENTRY 2900LM 100-240V AC/DC 5000K, W/RED PC GUARD	30W	LMU03050PR	792065

## SOP PL SERIES LED SURFACE MOUNTED PANEL LIGHT IP22/IP44



BH Code	Type	System Power	IMPA Code
LAP353353A	P353353A 353X353MM 850LM 100-240V AC 4000K IP22	10W	791953
LAP353353AE	P353353AE 353X353MM 850LM 100-240V AC 4000K IP22 W/ EMERGENCY CIRCUIT 24V	10W	791955
LAPW353353A	PW353353A 353x353MM 850LM 100-240V AC 4000K IP44	10W	791954
LAPW353353AE	PW353353AE 353x353MM 850LM 100-240V AC 4000K IP44 W/ EMERGENCY CIRCUIT 24V	10W	791956
LAP625257A	P625257A 625X257MM 1700LM 100-240V AC 4000K IP22	24W	791957
LAP625257AE	P625257AE 625X257MM 1700LM 100-240V AC 4000K IP22 W/ EMERGENCY CIRCUIT 24V	24W	791959
LAPW625257A	PW625257A 625x257MM 1700LM 100-240V AC 4000K IP44	24W	791958
LAPW625257AE	PW625257AE 625x257MM 1700LM 100-240V AC 4000K IP44 W/ EMERGENCY CIRCUIT 24V	24W	791960
LAP625625A	P625625A 625X625MM 2800LM 100-240V AC 4000K IP22	47W	791961
LAP625625AE	P625625AE 625X625MM 2800LM 100-240V AC 4000K IP22 W/ EMERGENCY CIRCUIT 24V	47W	791963
LAPW625625A	PW625625A 625x625MM 2800LM 100-240V AC 4000K IP44	47W	791962
LAPW625625AE	PW625625AE 625x625MM 2800LM 100-240V AC 4000K IP44 W/ EMERGENCY CIRCUIT 24V	47W	791964

## SOP WS SERIES LED WATERTIGHT LUMINAIRE IP67



- Zinc Coated Steel Body
- Powder Coated White
- Polycarbonate Diffuser
- Emergency Lights & Battery Back-Up Options Available



BH Code	Type	System Power	IMPA Code
IGLAWS215ZA2	WS21 ZCS 2FT 970LM 220V-240V AC 5000K	1X12.5W	791888*/89*
IGLAWS215ZA2B	WS21 ZCS 2FT 970LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	1X12.5W	
IGLAWS215ZA2E	WS21 ZCS 2FT 970LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	1X12.5W	
IGLAWS225ZA2	WS22 ZCS 2FT 1940LM 220V-240V AC 5000K	2X12.5W	791890*/94*
IGLAWS225ZA2B	WS22 ZCS 2FT 1940LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	2X12.5W	
IGLAWS225ZA2E	WS22 ZCS 2FT 1940LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	2X12.5W	
IGLAWS415ZA2	WS41 ZCS 4FT 1940LM 220V-240V AC 5000K	1X24W	791895*/99*
IGLAWS415ZA2B	WS41 ZCS 4FT 1940LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	1X24W	
IGLAWS415ZA2E	WS41 ZCS 4FT 1940LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	1X24W	
IGLAWS425ZA2	WS42 ZCS 4FT 3880LM 220V-240V AC 5000K	2X24W	791900*/14*
IGLAWS425ZA2B	WS42 ZCS 4FT 3880LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	2X24W	
IGLAWS425ZA2E	WS42 ZCS 4FT 3880LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	2X24W	

## SOP WS SERIES LED S.STEEL WATERTIGHT LUMINAIRE IP67



- Stainless Steel Body
- Powder Coated White
- Polycarbonate Diffuser
- Welded Bracket
- Emergency Lights & Battery Back-Up Options Available



BH Code	Type	System Power	IMPA Code
IGLAWS215SA2	WS21 SS316 2FT 970LM 220V-240V AC 5000K	1X12.5W	791888*/89*
IGLAWS215SA2B	WS21 SS316 2FT 970LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	1X12.5W	
IGLAWS215SA2E	WS21 SS316 2FT 970LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	1X12.5W	
IGLAWS225SA2	WS22 SS316 2FT 1940LM 220V-240V AC 5000K	2X12.5W	791890*/94*
IGLAWS225SA2B	WS22 SS316 2FT 1940LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	2X12.5W	
IGLAWS225SA2E	WS22 SS316 2FT 1940LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	2X12.5W	
IGLAWS415SA2	WS41 SS316 4FT 1940LM 220V-240V AC 5000K	1X24W	791895*/99*
IGLAWS415SA2B	WS41 SS316 4FT 1940LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	1X24W	
IGLAWS415SA2E	WS41 SS316 4FT 1940LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	1X24W	
IGLAWS425SA2	WS42 SS316 4FT 3880LM 220V-240V AC 5000K	2X24W	791900*/14*
IGLAWS425SA2B	WS42 SS316 4FT 3880LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	2X24W	
IGLAWS425SA2E	WS42 SS316 4FT 3880LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	2X24W	


## SOP RC SERIES LED RECESSED LUMINAIRE IP44



BH Code	Type	System Power	IMPA Code
IGLARC215A2	RC21 2FT 950LM 220V-240V AC 5000K	1X12.5W	791940
IGLARC215A2B	RC21 2FT 950LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	1X12.5W	
IGLARC215A2E	RC21 2FT 950LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	1X12.5W	


BH Code	Type	System Power	IMPA Code
IGLARC225A2	RC-22 2FT 1900LM 220V-240V AC 5000K	2X12.5W	791941
IGLARC225A2B	RC-22 2FT 1900LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	2X12.5W	
IGLARC225A2E	RC-22 2FT 1900LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	2X12.5W	
IGLARC415A2	RC41 4FT 1900LM 220V-240V AC 5000K	1X24W	791942*
IGLARC415A2B	RC41 4FT 1900LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	1X24W	
IGLARC415A2E	RC41 4FT 1900LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	1X24W	
IGLARC425A2	RC42 4FT 3800LM 220V-240V AC 5000K	2X24W	791943*
IGLARC425A2B	RC42 4FT 3800LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	2X24W	
IGLARC425A2E	RC42 4FT 3800LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	2X24W	

### SOP BL SERIES LED BERTH LIGHT IP20




BH Code	Type	System Power	IMPA Code
LABL44A1	BL4A1 280LM 100-120V AC 4000K	4W	792148
LABL44A2	BL4A2 280LM 220-240V AC 4000K	4W	792149

### SOP LSL SERIES LED LINEAR STRIP IP44

BH Code	Type	System Power	IMPA Code
LALSL74D	LSL74D 658LM 24V DC 4000K 120°	7W	

### SOP SC SERIES LED SURFACE LUMINAIRE IP30



BH Code	Type	System Power	IMPA Code
IGLASC215A2	SC21 2FT 950LM 220V-240V AC 5000K	1X12.5W	
IGLASC215A2B	SC21 2FT 950LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	1X12.5W	
IGLASC215A2E	SC21 2FT 950LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	1X12.5W	
IGLASC225A2	SC22 2FT 1900LM 220V-240V AC 5000K	2X12.5W	
IGLASC225A2B	SC22 2FT 1900LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	2X12.5W	
IGLASC225A2E	SC22 2FT 1900LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	2X12.5W	
IGLASC415A2	SC41 4FT 1900LM 220V-240V AC 5000K	1X24W	
IGLASC415A2B	SC41 4FT 1900LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	1X24W	
IGLASC415A2E	SC41 4FT 1900LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	1X24W	
IGLASC425A2	SC42 4FT 3800LM 220V-240V AC 5000K	2X24W	
IGLASC425A2B	SC42 4FT 3800LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	2X24W	
IGLASC425A2E	SC42 4FT 3800LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	2X24W	

### SOP DL SERIES LED DOWN LIGHT IP44



BH Code	Type	System Power	IMPA Code
LADL73A	DL7A 420LM 100-240V AC 3000K 60°	7W	792131*
LADL124A2	DL12A2 820LM 220-240V AC 4000K 85°	12W	792133
LADL154A1	DL15A1 1050LM 100-120V AC 4000K 85°	15W	
LADL154A2	DL15A2 1050LM 220-240V AC 4000K 85°	15W	792134
LADL154D	DL15D 1050LM 24V DC 4000K 85°	15W	792132

### SOP LMWS SERIES (IEC) LED SLIM WATERTIGHT LUMINAIRE



- IEC Standards
- Stainless Steel or Zinc Coated Steel Body
- Powder Coated White
- Polycarbonate Diffuser
- Emergency Lights & Battery Back-Up Options Available



BH Code	Type	System Power	IMPA Code
IGLALMWS2010	LMWS2010 2000LM 100-120V/220-240V AC 5000K	20W	791951*/52*
IGLALMWS201B	LMWS201B 2000LM 100-120V/220-240V AC 5000K W/ BATTERY BACK-UP 3HRS	20W	
IGLALMWS201E	LMWS201E 2000LM 100-120V/220-240V AC 5000K W/ EMERGENCY LED 24V	20W	
IGLALMWS2020	LMWS2020 2000LM 100-120V/220-240V AC 5000K W/ 2 JUNCTION BOX	20W	
IGLALMWS202B	LMWS202B 2000LM 100-120V/220-240V AC 5000K W/ 2 JUNCTION BOX & BATTERY BACK-UP 3HRS	20W	
IGLALMWS202E	LMWS202E 2000LM 100-120V/220-240V AC 5000K W/ 2 JUNCTION BOX & EMERGENCY LED 24V	20W	
IGLALMWS4010	LMWS4010 4000LM 100-120V/220-240V AC 5000K	40W	
IGLALMWS401B	LMWS401B 4000LM 100-120V/220-240V AC 5000K W/ BATTERY BACK-UP 3HRS	40W	
IGLALMWS401E	LMWS401E 4000LM 100-120V/220-240V AC 5000K W/ EMERGENCY LED 24V	40W	
IGLALMWS4020	LMWS4020 4000LM 100-120V/220-240V AC 5000K W/ 2 JUNCTION BOX	40W	
IGLALMWS402B	LMWS402B 4000LM 100-120V/220-240V AC 5000K W/ 2 JUNCTION BOX & BATTERY BACK-UP 3HRS	40W	
IGLALMWS402E	LMWS402E 4000LM 100-120V/220-240V AC 5000K W/ 2 JUNCTION BOX & EMERGENCY LED 24V	40W	
IGLALMWS201S0	LMWS201S0 SUS316 2000LM 100-120V/220-240V AC 5000K	20W	

### SOP GL SERIES LED KITCHEN LUMINAIRE IP55



BH Code	Type	System Power	IMPA Code
IGLAGL225A2	GL22 2FT 1940LM 220V-240V AC 5000K	2X12.5W	
IGLAGL225A2B	GL22 2FT 1940LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	2X12.5W	
IGLAGL225A2E	GL22 2FT 1940LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	2X12.5W	
IGLAGL425A2	GL42 4FT 3800LM 220V-240V AC 5000K	2X24W	
IGLAGL425A2B	GL42 4FT 3800LM 220V-240V AC 5000K W/ BATTERY BACK-UP 3HRS	2X24W	
IGLAGL425A2E	GL42 4FT 3800LM 220V-240V AC 5000K W/ EMERGENCY LED 24V	2X24W	

## SOP Industrial LED Lightings

BH Code	Type	System Power	IMPA Code
IGLALMWS201SB	LMWS201SB SUS316 2000LM 100-120V/ 220-240V AC 5000K W/ BATTERY BACK-UP 3HRS	20W	
IGLALMWS201SE	LMWS201SE SUS316 2000LM 100-120V/ 220-240V AC 5000K W/ EMERGENCY LED 24V	20W	
IGLALMWS202S0	LMWS202S0 SUS316 2000LM 100-120V/ 220-240V AC 5000K W/ 2 JUNCTION BOX	20W	
IGLALMWS202SB	LMWS202SB SUS316 2000LM 100-120V/ 220-240V AC 5000K W/ 2 JUNCTION BOX & BATTERY BACK-UP 3HRS	20W	
IGLALMWS202SE	LMWS202SE SUS316 2000LM 100-120V/ 220-240V AC 5000K W/ 2 JUNCTION BOX & EMERGENCY LED 24V	20W	
IGLALMWS401S0	LMWS401S0 SUS316 4000LM 100-120V/ 220-240V AC 5000K	40W	
IGLALMWS401SB	LMWS401SB SUS316 4000LM 100-120V/ 220-240V AC 5000K W/ BATTERY BACK-UP 3HRS	40W	
IGLALMWS401SE	LMWS401SE SUS316 4000LM 100-120V/ 220-240V AC 5000K W/ EMERGENCY LED 24V	40W	
IGLALMWS402S0	LMWS402S0 SUS316 4000LM 100-120V/ 220-240V AC 5000K W/ 2 JUNCTION BOX	40W	
IGLALMWS402SB	LMWS402SB SUS316 4000LM 100-120V/ 220-240V AC 5000K W/ 2 JUNCTION BOX & BATTERY BACK-UP 3HRS	40W	
IGLALMWS402SE	LMWS402SE SUS316 4000LM 100-120V/ 220-240V AC 5000K W/ 2 JUNCTION BOX & EMERGENCY LED 24V	40W	

### SOP LED HIGH BAY SERIES IP20



BH Code	Type	System Power	IMPA Code
LAHB884A3	HB884A3 13400LM 110-277V AC 4000K	88W	
LAHB884A3E	HB884A3E 13400LM 110-277V AC 4000K W/ EMERGENCY BACK-UP	88W	
LAHB885A3	HB885A3 13800LM 110-277V AC 5000K	88W	
LAHB885A3E	HB885A3E 13800LM 110-277V AC 5000K W/ EMERGENCY BACK-UP	88W	
LAHB1274A3	HB1274A3 20100LM 110-277V AC 4000K	127W	
LAHB1274A3E	HB1274A3E 20100LM 110-277V AC 4000K W/ EMERGENCY BACK-UP	127W	
LAHB1275A3	HB1275A3 20700LM 110-277V AC 5000K	127W	
LAHB1275A3E	HB1275A3E 20700LM 110-277V AC 5000K W/ EMERGENCY BACK-UP	127W	
LAHB1764A3	HB1764A3 26800LM 110-277V AC 4000K	176W	
LAHB1764A3E	HB1764A3E 26800LM 110-277V AC 4000K W/ EMERGENCY BACK-UP	176W	
LAHB1765A3	HB1765A3 27600LM 110-277V AC 5000K	176W	
LAHB1765A3E	HB1765A3E 27600LM 110-277V AC 5000K W/ EMERGENCY BACK-UP	176W	
LAHB2644A3	HB2644A3 40350LM 110-277V AC 4000K	264W	
LAHB2644A3E	HB2644A3E 40350LM 110-277V AC 4000K W/ EMERGENCY BACK-UP	264W	
LAHB2645A3	HB2645A3 41500LM 110-277V AC 5000K	264W	
LAHB2645A3E	HB2645A3E 41500LM 110-277V AC 5000K W/ EMERGENCY BACK-UP	264W	

### SOP LMWS SERIES (JIS) LED SLIM WATERTIGHT LUMINAIRE



- Japan Industrial Standards
- Stainless Steel or Zinc Coated Steel Body
- Powder Coated Green
- Polycarbonate Diffuser
- Emergency Lights & Battery Back-Up Options Available



BH Code	Type	System Power	IMPA Code
IGLALMWS2050	LMWS2050 2000LM 100-120V/220-240V AC 5000K	20W	
IGLALMWS205B	LMWS205B 2000LM 100-120V/220-240V AC 5000K W/ BATTERY BACK-UP 3HRS	20W	
IGLALMWS205E	LMWS205E 2000LM 100-120V/220-240V AC 5000K W/ EMERGENCY LED 24V	20W	
IGLALMWS4050	LMWS4050 4000LM 100-120V/220-240V AC 5000K	40W	
IGLALMWS405B	LMWS405B 4000LM 100-120V/220-240V AC 5000K W/ BATTERY BACK-UP 3HRS	40W	
IGLALMWS405E	LMWS405E 4000LM 100-120V/220-240V AC 5000K W/ EMERGENCY LED 24V	40W	
IGLALMWS205S0	LMWS205S0 SUS316 2000LM 100-120V/ 220-240V AC 5000K	20W	
IGLALMWS205SB	LMWS205SB SUS316 2000LM 100-120V/ 220-240V AC 5000K W/ BATTERY BACK-UP 3HRS	20W	
IGLALMWS205SE	LMWS205SE SUS316 2000LM 100-120V/ 220-240V AC 5000K W/ EMERGENCY LED 24V	20W	
IGLALMWS405S0	LMWS405S0 SUS316 4000LM 100-120V/ 220-240V AC 5000K	40W	
IGLALMWS405SB	LMWS405SB SUS316 4000LM 100-120V/ 220-240V AC 5000K W/ BATTERY BACK-UP 3HRS	40W	
IGLALMWS405SE	LMWS405SE SUS316 4000LM 100-120V/ 220-240V AC 5000K W/ EMERGENCY LED 24V	40W	

### SOP LED PANEL LIGHT IP20



BH Code	Type	System Power	IMPA Code
LAP465A	P46A 3800LM 100-240V AC 5000K	46W	

## SOP LED Exit Light

### SOP EMERGENCY LED EXIT LIGHT IP20



BH Code	Type	System Power	IMPA Code
IGLAHL99	HL99 110-240V AC 50/60Hz W/ BATTERY PACK 3HRS	3W	

### SOP AT SERIES LED AIRTIGHT LUMINAIRE IP68



BH Code	Type	System Power	IMPA Code
IGLATA4110	ATA411 970LM 220-240V AC C/W STAINLESS STEEL BRACKET	1X12.5W	

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## Ship Horns

### SANSHIN EHV-120 ELECTRONIC HORN

- Class IV for Vessels < 20m in Length



BH Code	Type	Voltage	Sound Level	IMPA Code
B111120S	EHV-S120	DC24V	120dB	
B111125	AUN-3AS AMPLIFIER UNIT WITH MIC FOR EHV-120	-	-	

### SANSHIN EHV-S130 ELECTRONIC HORN

- Class III for Vessels 20m to 75m in Length



BH Code	Type	Voltage	Sound Level	IMPA Code
B1111130	EHV-S130 WITH AMP UNIT & MIC	DC24V	130dB	

### IBUKI MAGNETIC HORN

- Class III for Vessels 20m to 75m in Length



BH Code	Type	Voltage	Sound Level	IMPA Code
B1113024	E150 CLASS III	DC24V	130dB	

### IBUKI CLASS III AIR HORN

- Class III for Vessels 20m to 75m in Length



BH Code	Type	Voltage	Sound Level	IMPA Code
B1113100	A100 CLASS III	DC24V	130dB	
B1113101	A100E CLASS III WITH BUILT-IN SOLENOID VALVE	DC24V	130dB	
B1113103	A100E CLASS III WITH BUILT-IN SOLENOID VALVE	AC220V	130dB	
B1113104	A100EH CLASS III WITH BUILT-IN SOLENOID VALVE AND HEATER	DC24V	130dB	
B1113106	A100EH CLASS III WITH BUILT-IN SOLENOID VALVE AND HEATER	AC220V	130dB	

### IBUKI CLASS II AIR HORN

- Class II for Vessels 75m to 200m in Length



BH Code	Type	Voltage	Sound Level	IMPA Code
B1113150	A150ESS CLASS II	230V	138dB	370186/89/92
B1113151	A150ESSH CLASS II WITH BUILT-IN SOLENOID VALVE AND HEATER	230V	138dB	

### IBUKI CLASS I AIR HORN

- Class I for Vessels > 200m in Length



BH Code	Type	Voltage	Sound Level	IMPA Code
B1113200	A200ES CLASS I	220V	143dB	370196

BH Code	Type	Voltage	Sound Level	IMPA Code
B1113201	A200ESH CLASS I WITH BUILT-IN SOLENOID VALVE AND HEATER	220V	143dB	

### IBUKI CLASS II PISTON HORN

- Class II for Vessels 75m to 200m in Length



BH Code	Type	Voltage	Sound Level	IMPA Code
B1113550	MH550 CLASS II 60Hz	440V	138dB	

### IBUKI CLASS I PISTON HORN

- Class I for Vessels > 200m in Length



BH Code	Type	Voltage	Sound Level	IMPA Code
B1113770	MH770 CLASS I 60Hz	440V	138dB	

### IBUKI TIME CONTROLLER



BH Code	Type	Voltage	Sound Level	IMPA Code
B1113800	STM-8F TIMER CONTROLLER FOR 2 AIR HORNS	230V	-	

### IZUMI DEMI HORN INBOARD ALARM



BH Code	Type	Sound Level	IMPA Code
B1114600	KD-440 WITHOUT VALVE	130dB	
B1114602	KD-440 DC24V	130dB	
B1114604	KD-440 AC110V	130dB	
B1114606	KD-440 AC220V	130dB	

## Alarm Equipment

### SANSHIN WATER TIGHT BELL



BH Code	Type	Voltage	Sound Level	IMPA Code
B1116001	NBU-120 (W/O LIGHT)	DC24V	108dB	793431
B1116002	NBU-120 (W/O LIGHT)	110V	107.5dB	793433
B1116003	NBU-120 (W/O LIGHT)	230V	106.5dB	793434
B1116011	NBU-L120 WITH LIGHT	DC24V	108dB	793441
B1116012	NBU-L120 WITH LIGHT	110V	107.5dB	793443
B1116013	NBU-L120 WITH LIGHT	220V	106.5dB	793444
B1116014	NBU-L200	DC24V	108dB	793442
B1116015	NBU-L200	110V	105.5dB	793445
B1116016	NBU-L200	220V	106.5dB	793446

## SANSHIN BUZZER



BH Code	Type	Voltage	Sound Level	IMPA Code
B1116101	N.W.T BUZZER 1F	DC24V	80dB	793402
B1116102	N.W.T BUZZER 1F	110V	80dB	793413
B1116103	N.W.T BUZZER 1F	220V	80dB	793414
B1116104	N.W.T BUZZER 1S	DC24V	80dB	793401
B1116105	N.W.T BUZZER 1S	110V	80dB	793411
B1116106	N.W.T BUZZER 1S	220V	80dB	793412
B1116201	2SLW W.T BUZZER	DC24V	90dB	793405
B1116202	2SLW W.T BUZZER	110V	90dB	793419
B1116203	2SLW W.T BUZZER	220V	90dB	793420

## SANSHIN W.T HORN



BH Code	Type	Voltage	IMPA Code
B1116301	3SLH W.T HORN	24V DC	793461
B1116302	3SLH W.T HORN	110V AC	793462
B1116303	3SLH W.T HORN	220V AC	793463

## SIRENA W.T MOTOR SIREN



BH Code	Type	Sound Level	IMPA Code
B7210124	MCL/24VAC/DC	102dB/m	
B7210188	MCL/110VAC/DC	100dB/m	
B7210199	MCL/230VAC/DC	102dB/m	
B7210224	CL/24VAC/DC	109dB/m	
B7210288	CL/110VAC/DC	109dB/m	
B7210299	CL/230VAC/DC	112dB/m	
B7210324	SCL BA/24VAC/DC	115dB/m	
B7210388	SCL/110VAC/DC	116dB/m	
B7210399	SCL/230VAC/DC	116dB/m	

## SIRENA W.T HORN



BH Code	Type	Sound Level	IMPA Code
B7220124	SEM DC24V	96dB	
B7220188	SEM 110V	92dB	
B7220199	SEM 240V	92dB	

## SIRENA MARINE W.T BUZZER



BH Code	Type	Sound Level	IMPA Code
B7220224	SAI DC24V IP54	110dB	

BH Code	Type	Sound Level	IMPA Code
B7220288	MS 110V IP65	95dB	793417
B7220299	MS 230V IP65	95dB	793418

## SIRENA MARINE W.T HOOTER



BH Code	Type	Sound Level	IMPA Code
B7220324	SAI SD DC24V IP54	95dB	
B7220388	MS SD AC110V IP65	95dB	
B7220399	MS SD AC230V IP65	95dB	

## CLIFFORD & SNELL CARILLON SOUNDER



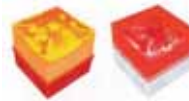
BH Code	Type	Sound Level	IMPA Code
B7030124	YODALARM CARILLON SOUNDER DC24V	104dB	

## CLIFFORD & SNELL QUADALARM TONE SIGNAL IP44



BH Code	Type	Sound Level	IMPA Code
B7030224	YODAC FP/DC24V 4-TONE SIGNAL	96dB	

## CLIFFORD & SNELL V4 BEACON IP65



BH Code	Colour	Voltage	Current/Watts	IMPA Code
<b>FLASHING</b>				
B7030411	AMBER	DC24V	0.15 - 0.25A	
B7030412	BLUE	DC24V	0.15 - 0.25A	
B7030413	RED	DC24V	0.15 - 0.25A	
B7030414	GREEN	DC24V	0.15 - 0.25A	
B7030415	WHITE	DC24V	0.15 - 0.25A	
B7030421	AMBER	115V	0.13A	
B7030423	RED	115V	0.13A	
B7030431	AMBER	230V	0.07A	
B7030432	BLUE	230V	0.07A	
B7030433	RED	230V	0.07A	
<b>STATUS</b>				
B7030443	RED	DC24V	0.15 - 0.25A	
B7030447	AMBER	DC24V	0.15 - 0.25A	
B7030448	RED	DC24V	0.15 - 0.25A	



## CLIFFORD & SNELL 32 TONE SOUNDER IP66



BH Code	Type	Sound Level	IMPA Code
<b>Y03 IP66</b>			
B7010310	DC24V	100dB	
B7010320	AC115V	100dB	
B7010330	AC230V	100dB	
B7010350	W.R KIT FOR Y03	-	
<b>Y04 IP66</b>			
B7010410	DC24V	106dB	
B7010420	AC115V	106dB	
B7010430	AC230V	106dB	
B7010450	W.R. KIT FOR Y04	-	
<b>Y05 IP66</b>			
B7010510	DC24V	110dB	
B7010520	AC115V	110dB	
B7010530	AC230V	110dB	
B7010550	W.R. KIT FOR Y05	-	
<b>Y08 IP66</b>			
B7010810	DC24V	116dB	
B7010820	AC115V	116dB	
B7010830	AC230V	116dB	
B7010850	W.R. KIT FOR Y08	-	
<b>Y08-SUPER IP66</b>			
B7010910	DC24V	120dB	
B7010920	115V	120dB	
B7010930	230V	120dB	

BH Code	Type	Sound Level	IMPA Code
B7020522	115V/BLUE	110dB	
B7020523	115V/RED	110dB	
B7020531	230V/AMBER	110dB	
B7020532	230V/BLUE	110dB	
B7020533	230V/RED	110dB	
B7020550	W.R. KIT FOR YL5	-	
<b>YL5 IP54</b>			
B7020611	DC24V/AMBER	110dB	
B7020613	DC24V/RED	110dB	
B7020631	230V/AMBER	110dB	
<b>YL8 IP65</b>			
B7020811	DC24V/AMBER	116dB	
B7020812	DC24V/BLUE	116dB	
B7020813	DC24V/RED	116dB	
B7020821	115V/AMBER	116dB	
B7020823	115V/RED	116dB	
B7020831	230V/AMBER	116dB	
B7020833	230V/RED	116dB	
B7020850	W.R. KIT FOR YL8	-	
<b>YL8-SUPER IP65</b>			
B7020911	DC24V/AMBER	120dB	
B7020913	DC24V/RED	120dB	
B7020921	115V/RED	120dB	
B7020931	230V/AMBER	120dB	
B7020933	230V/RED	120dB	

## CLIFFORD & SNELL BEACON & 32 TONE SOUNDER



BH Code	Type	Sound Level	IMPA Code
<b>YL2 IP44</b>			
B7020211	DC24V/AMBER	100dB	
B7020213	DC24V/RED	100dB	
<b>YL4 IP65</b>			
B7020411	DC24V/AMBER	106dB	
B7020412	DC24V/BLUE	106dB	
B7020413	DC24V/RED	106dB	
B7020414	DC24V/GREEN	106dB	
B7020415	DC24V/OPAL	106dB	
B7020421	AC115V/AMBER	106dB	
B7020422	AC115V/BLUE	106dB	
B7020423	AC115V/RED	106dB	
B7020431	AC230V/AMBER	106dB	
B7020433	AC230V/RED	106dB	
B7020435	AC230V/OPAL	106dB	
B7020450	W.R. KIT FOR YL4	-	
<b>YL5 IP65</b>			
B7020511	DC24V/AMBER	110dB	
B7020512	DC24V/BLUE	110dB	
B7020513	DC24V/RED	110dB	
B7020521	115V/AMBER	110dB	

## Moflash Alarm Equipment

### TONE SOUNDER



BH Code	Type	Sound Level	IMPA Code
<b>AE40M IP65</b>			
B8011810	AE40M-24R/DC10-30V	112dB	
B8011920	AE40M-230R/AC98-260V	112dB	
<b>AE105 IP66</b>			
B8012210	AE105-02/DC10-60V	113dB	
B8012320	AE105-04/AC115-230V	113dB	
<b>AE110 IP66</b>			
B8012410	AE110-02/DC10-60V	116dB	
B8012620	AE110-04/AC115-230V	116dB	
<b>AE120 IP66</b>			
B8012710	AE120-02/DC10-60V	120dB	
B8012820	AE120-04/AC115-230V	120dB	

### LED BEACON IP67



BH Code	Type	Colour	Voltage	IMPA Code
<b>FLASHING</b>				
B8030111	LED80-02-01	AMBER	DC10-100V	

BH Code	Type	Colour	Voltage	IMPA Code
B8030112	LED80-02-02	RED	DC10-100V	
B8030113	LED80-02-03	BLUE	DC10-100V	
B8030115	LED80-02	WHITE	DC10-100V	



## PATLITE ROTARY WARNING LIGHT

**STATUS**

B8030221	LED80-04-01	AMBER	AC115-230V
B8030222	LED80-04-01	RED	AC115-230V

BH Code	Type	Current/Watts	IMPA Code
B7112401	DC24V/YELLOW	35W	792194
B7112402	DC24V/RED	35W	792193
B7118801	110V/RED	40W	792195
B7118802	110V/YELLOW	40W	792196
B7119901	220V/RED	40W	792197
B7119902	220V/YELLOW	40W	792198
B7121201	HP12/24 DC12/24V RED	55/70W	792191/93
B7121202	HP12/24 DC12/24V YELLOW	55/70W	792192/94
B7121203	HP12/24 DC12/24V BLUE	55/70W	

## BEACON & TONE SOUNDER



BH Code	Type	Sound Level	IMPA Code
<b>LED IP65</b>			
B8052412	AEL50-02MF-02/DC17-60V/RED	102dB	
B8053222	AEL50-04MF-02/AC110-230V/RED	102dB	
<b>LED IP66</b>			
B8050112	AEL105-02/DC10-60V/RED	113dB	
B8050512	AEL110-02/DC10-60V/RED	116dB	
B8050812	AEL120-02/DC10-60V/RED	120dB	
<b>XENON IP66</b>			
B8050321	AEX105-04/AC115-230V/AMBER	113dB	
B8050322	AEX105-04/AC115-230V/RED	113dB	
B8050722	AEX110-04/AC115-230V/RED	116dB	
B8051022	AEX120-04/AC115-230V/RED	120dB	

## ACCESSORIES

B8050401	SPARE LENS AMBER FOR 105	-
B8050402	SPARE LENS RED FOR 105	-
B8050403	SPARE LENS BLUE FOR 105	-
B8050404	SPARE LENS GREEN FOR 105	-
B8050405	SPARE LENS WHITE FOR 105	-
B8051101	SPARE LENS AMBER FOR 110/120	-
B8051102	SPARE LENS RED FOR 110/120	-
B8051103	SPARE LENS BLUE FOR 110/120	-
B8051104	SPARE LENS GREEN FOR 110/120	-
B8051105	SPARE LENS WHITE FOR 110/120	-

## SIREN IP65



BH Code	Type	Sound Level	IMPA Code
B8060220	AS-100M-230/AC-DC230V	120dB	
B8060420	AS-200M-230/AC-DC230V	127dB	

## HOOTER IP65



BH Code	Type	Sound Level	IMPA Code
B8070210	AHA1-2001/DC24V	120dB	
B8070620	AHA1-2006/AC-DC230V	120dB	

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### Signalling Equipment & Accessories

Highest Degree of Reliability and Quality Products for Explosion Protection



*Install with Confidence™*



Captive Component Gland

**Built In Safety with No Loose Components**

## ATEX Ceiling Lights

### DTS EExd CEILING LIGHT



- EExd IIC T6  
- Zone 1, 2 & 21, 22, IP66

BH Code	Type	Voltage	Current/Watts	IMPA Code
<b>FLUORESCENT LIGHTING</b>				
C1011200	XFF-120, 60Hz	230V	1 X 18W	791921/26
C1011400	XFF-140, 60Hz	220V	1 X 36W	791923/28
C1012200	XFF-220, 50/60Hz	100 - 240V	2 X 18W	791922/27
C1012400	XFF-240, 50/60Hz	100 - 240V	2 X 36W	791924/29
C1012650	XFF-265, 60Hz	220V	2 X 58W	
C1022200	XFF-220em 50/60Hz WITH 2HR EMERGENCY PACK	220V-240V	2 X 18W	
C1022201	XFF-220em 60Hz WITH EMERGENCY PACK	110V	2 X 20W	
C1022200	XFF220em 50/60Hz WITH 2HR EMERGENCY PACK	220 - 240V	2 X 18W	
C1022400	XFF240em 50/60Hz WITH 2HR EMERGENCY PACK	220V	2 X 36W	
C1032200	XFF220V, 50/60Hz	100 - 240V	2 X 18W	791922/27*
C1032400	XFF240V, 50/60Hz	100 - 240V	2 X 36W	791924/29*
C1042360	XFF-236, 60Hz	220V	2 X PL36W	
<b>LED LIGHTING</b>				
C1062200	XFF-L220 LED LIGHT	100-240V	19W	
C1062400	XFF-L240 LED LIGHT	100-240V	56W	

### DTS EExd COMPACT CEILING LIGHT/EXIT LIGHT



- EExd IIC T6  
- Zone 1 & 2, IP66

BH Code	Type	Voltage	Current/Watts	IMPA Code
C1042182	XEL-220, 2XPL 50Hz	220-240V	2 X 18W	
C1043028	XEL300/28, 50/60Hz	220V	2 X 8W	
C1043001	XEL300/1 50Hz WITH 3HR EMERGENCY BATTERY PACK (NON-MAINTAINED)	230V	1 X 8W	
C1043002	XEL-300/2 50Hz WITH 3HR EMERGENCY BATTERY PACK (MAINTAINED)	230V	2 X 8W	
C1043080	XEL-80A, EXIT LIGHT 50Hz	230V	1X6W	

### DTS EExe CEILING LIGHT



- EExed IIC T4  
- Zone 1 & 2, IP66

BH Code	Type	Voltage	Current/Watts	IMPA Code
C1220200	EVS-220, 50/60Hz	220-240V	2 X 18W	
C1240200	EVS-240, 50/60Hz	220-240V	2 X 36W	
C1265200	EVS-265, 50/60Hz	220-240V	2 X 58W	
C2220200	EVS-220EM, 50/60Hz W/ 3HR EMERGENCY BATTERY PACK	220-240V	2 X 18W	
C2140200	EVS-140EM, 50/60Hz WITH 2HR EMERGENCY BATTERY PACK	220-240V	1 X 36W	
C2240200	EVS-240EM, 50/60Hz W/ 3HR EMERGENCY BATTERY PACK	220-240V	2 X 36W	

### DTS EExe RECESSED CEILING LIGHT



- EExed IIC T4  
- Zone 1 & 2, IP64

BH Code	Type	Voltage	Current/Watts	IMPA Code
C2522002	ESB-220 50/60Hz	220-240V	2 X 18W	
C2524002	ESB-240 50/60Hz	220-240V	2 X 36W	
C2525002	ESB-240EM, 50/60Hz W/ 2HR EMERGENCY BATTERY PACK	220-240V	2 X 36W	

### POLAMREM EExe SUS316 CEILING LIGHT



- Ex de mb IIC T5 Gb  
- Zone 1 & 2, IP67

BH Code	Type	Voltage	Current/Watts	IMPA Code
C9204020	EXP83 EExe, 50/60Hz	220V/250V	2 X 18W	
C9204040	EXP83 EExe, 50/60Hz	220V/250V	2 X 36W	

### ATX EExd CEILING LIGHT



- EExd IIB/IIC T6  
- Zone 1 & 2, IP66/68

BH Code	Type	Voltage	Current/Watts	IMPA Code
C3694807	FDB218BUM (094807) EExd, 50/60Hz	110 - 254V AC/DC	2 X 18W	791922/27*
C3694808	FDB236BUM (094808) EExd, 50/60Hz	110 - 254V AC/DC	2 X 36W	791924/29*
C3694815	FDB218BUME (094815) EExd, 50/60Hz WITH 3HR BATTERY PACK	110 - 254V AC/DC	2 X 18W	
C3694816	FDB236BUME (094816) EExd, 50/60Hz WITH 3HR BATTERY PACK	110 - 254V AC/DC	2 X 36W	

### ATX EExd EXIT LIGHT



- EExd IIB/IIC T6  
- Zone 1 & 2, IP66/68

BH Code	Type	Voltage	Current/Watts	IMPA Code
C3694962	FDES2084S (094962) EExd 50Hz WITH 3HR BATTERY PACK	230V	2 X 8W	

### ATX EExe CEILING LIGHT



- EExe IIC T5/T4  
- Zone 1 & 2, IP66/67 - IK10

BH Code	Type	Voltage	Current/Watts	IMPA Code
C3696548	FEB218BUSN (096548) EXE 50/60Hz	110 - 240V	2 X 18W	
C3696555	FEB236BUSN (096555) EXE 50/60Hz	110 - 240V	2 X 36W	
C3696370	FEB218BUSNE (096370) EXE-EM 50/60Hz WITH 3HR BATTERY PACK	110 - 240V	2 X 18W	
C3696371	FEB236BUSNE (096371) EXE-EM 50/60Hz WITH 3HR BATTERY PACK	110 - 240V	2 X 36W	

### GEWISS EXN CEILING LIGHT



- EExna II 3G T4  
- Zone 2, IP65

BH Code	Type	Voltage	Current/Watts	IMPA Code
C3401218	GW80454 ATEX ZNT, 50Hz ZONE 2	230V	2 X 18W	
C3401236	GW80455 ATEX ZNT, 50Hz ZONE 2	230V	2 X 36W	

BH Code	Type	Voltage	Current/Watts	IMPA Code	BH Code	Type	Voltage	Current/Watts	IMPA Code
C3402218	AS02631 ATEX ZNT, 50/60Hz W/ BATTERY PACK - ZONE 2	230V	2 X 18W		C2631502	XSF-150P, SODIUM 60Hz	220V	150W	
C3402236	AS02632 ATEX ZNT, 50Hz W/ BATTERY PACK - ZONE 2	230V	2 X 36W		C2632503	XSF-250P, SODIUM 50Hz	230V	250W	
					C2632502	XSF-250P, SODIUM 60Hz	220V	250W	
					C2632513	XSF-250G, SODIUM 50Hz	230V	250W	
					C2634001	XSF-400P, SODIUM 60Hz	120V	400W	
					C2634003	XSF-400P, SODIUM 50Hz	230V	400W	
					C2634002	XSF-400P, SODIUM 60Hz	220V	400W	
					C2644001	XQF-400P, METAL HALIDE 60Hz	120V	400W	
					C2644003	XQF-400P, METAL HALIDE 50Hz	230V	400W	
					C2644002	XQF-400P, METAL HALIDE 60Hz	220V	400W	
					C2661424	XEF-140	24V	2 X 70W	
					C2660700	XHF-70P	24V	70W	

## ATEX Light Fittings

### IDRM EXD PENDENT LIGHT



- EExd IIC T6 to T3  
- Zone 1 & 2

BH Code	Type	Voltage	Current/Watts	IMPA Code
IGCLLF101	LF1-01, LED	24V	10W	
IGCLLF101R	LF1-01, LED	100-240V	11W	
IGCLF1022	LF1-022, COMPACT FLUORESCENT	-	23W	
C3310010	LF-100.I	220V	100W	
C3320010	LF-200.I	110/240V	200W	
C3320023	LF-23C	110/240V	PL23W	

### WISKA EXD PENDENT LIGHT



- EExde IIC T4

BH Code	Type	Voltage	Current/Watts	IMPA Code
C3800505	505/2, E27 IP56	24/110/230V	60W	
C3800525	525/2, E27 IP66/67	230V	60W	

### WISKA EXD LIGHT FITTING



- EExde IIC T3, IP67

BH Code	Type	Voltage	Current/Watts	IMPA Code
C3803312	3312, BRASS E27	110/220V	200W	

### EXD RUBBER HAND LAMP E27



- EExed IIA T3, IP54

BH Code	Type	Voltage	Current/Watts	IMPA Code
C3516439	GSH439-ATEX	-	60W	792171/72

## ATEX Flood Lights

### DTS EXD FLOOD LIGHT



BH Code	Type	Voltage	Current/Watts	IMPA Code
C2631501	XSF-150P, SODIUM 60Hz	120V	150W	

### GEWISS ATEX TITANO EXN FLOOD LIGHT



- Zone 2, IP65

BH Code	Type	Voltage	Current/Watts	IMPA Code
C3414022	AS02948, SODIUM 60Hz	220V	400W	

## ATEX Helideck Equipment

### HOLLAND AVIATION WINDSOCK



- Zone 1, EExe II T4/T6 IP66/67  
- Complies to ICAO Annex 14, CAP437

BH Code	Type	Voltage	Current/Watts	IMPA Code
C3705000	WINDSOCK ASSEMBLY HA80/806 EEX.	220V	-	
C3705010	SPARES WINDSOCK 60X240CM ORANGE NYLON FOR HA80	-	-	

### HOLLAND AVIATION FLOOD LIGHT



- Zone 2, ATEC II 3G, ExNa IIC T4 IP66  
- Complies to ICAO Annex 14, CAP437

BH Code	Type	Voltage	Current/Watts	IMPA Code
C3705035	HA-OSFX HELIDECK XENON FLOODLIGHT SS316 50/60Hz ZONE 2	AC/DC 90 - 255V	35W	
C3705038	SPARE XENON LAMP FOR HA-OSFX FLOODLIGHT	-	35W	
C3715135	SPARE XENON LAMP D2S FOR TRANBERG TEF9964	-	35W	

### HOLLAND AVIATION PERIMETER LIGHT



- Zone 2, ATEC 2, II 3G, ExNa IIC T5 IP66  
- Complies to ICAO Annex 14, CAP437

BH Code	Type	Voltage	Current/Watts	IMPA Code
C3705055	HA-OSH LED, GREEN	95-255VAC	5W	
C3705065	HA-OSA LED, RED	95-255VAC	5W	

## ATEX Sounders/Beacons

### DTS FLASH LIGHT



- EExd IIB T6/T4  
- Zone 1 & 2, IP66

BH Code	Type	Voltage	Current/ Watts	IMPA Code
C2703011	XFL-30P XENON, AMBER	24VDC	30J	
C2703012	XFL-30P XENON, BLUE	24VDC	30J	
C2703013	XFL-30P XENON, RED	24VDC	30J	
C2703021	XFL-30P XENON, AMBER	110V	30J	
C2703022	XFL-30P XENON, BLUE	110V	30J	
C2703023	XFL-30P XENON, RED	110V	30J	
C2703031	XFL-30P XENON, AMBER	220V	30J	
C2703032	XFL-30P XENON, BLUE	220V	30J	
C2703033	XFL-30P XENON, RED	220V	30J	
C2703050	L021 XENON FLASH TUBE FOR XFL-30P	-	-	

### MOFLASH SOUNDER



- EExd IIC T6/T4, Zone 1 & 2, IP66/IP67

BH Code	Type	Voltage	Sound Level	IMPA Code
C8010110	SD150	DC12-48DC	115dB	
C8010220	SD150	AC100-240V	115dB	
C8110024	IS-S-02/RED	DC24V	105dB	

### MOFLASH BEACON



- EExd IIC T6/T4, Zone 1 & 2, IP66/IP67

BH Code	Type	Voltage	IMPA Code
C8020112	BC150/RED	DC12-48V	
C8020112G	BC150/RED (WITH LENS GUARD)	DC12-48V	
C8020222	BC150/RED	AC100-240V	
C8020222G	BC150/RED (WITH LENS GUARD)	AC100-240V	
C8120021	IS-B-02-01/AMBER	DC24V	
C8120022	IS-B-02-02/RED	DC24V	
C8120023	IS-B-02-03/BLUE	DC24V	
C8120024	IS-B-02-04/GREEN	DC24V	
C8120025	IS-B-02-05/CLEAR	DC24V	

### MOFLASH SOUNDER & BEACON



- EExd IIC T6/T4, Zone 1 & 2, IP66/IP67

BH Code	Type	Voltage	Sound Level	IMPA Code
C8050112	SB150	DC12-48V	115dB	
C8050112G	SB150 (WITH LENS GUARD)	DC12-48V	115dB	
C8050222	SB150	AC100-240V	115dB	
C8050222G	SB150 (WITH LENS GUARD)	AC100-240V	115dB	
C8130021	IS-SB-02-01/AMBER	DC24V	105dB	
C8130022	IS-SB-02-02/RED	DC24V	105dB	
C8130023	IS-SB-02-03/BLUE	DC24V	105dB	
C8130024	IS-SB-02-04/GREEN	DC24V	105dB	

BH Code	Type	Voltage	Sound Level	IMPA Code
C8130025	IS-SB-02-05/CLEAR	DC24V	105dB	

### CLIFFORD & SNELL Y06 SOUNDER



- EExd IIB+H2 T6/T4, Zone 1 & 2, IP66  
- 110dB/m 32 Tone Electronic Sounder

BH Code	Type	Sound Level	IMPA Code
C7016024	DC24V	110dB/m	
C7016110	AC115V	110dB/m	
C7016220	AC230V	110dB/m	

### CLIFFORD & SNELL V6 BEACON



- EExd IIB+H2 T6/T4, Zone 1 & 2, IP66  
- 5J Xenon Flash

BH Code	Type	Current/Watts	IMPA Code
C7015011	DC24V, AMBER	350mA	
C7015012	DC24V, BLUE	350mA	
C7015014	DC24V, GREEN	350mA	
C7015015	DC24V, RED	350mA	
C7015018	V6DC-DA9641 DC24V PCB WITH XENON TUBE	350mA	
C7015025	AC115V, RED	110mA	
C7015035	AC230V, RED	55mA	
C7012041	DC24V, CLEAR	220mA	

### CLIFFORD & SNELL YL6 SOUNDER & BEACON



- EExd IIB+H2 T6/T4, Zone 1 & 2, IP66  
- 110dB/m 32 Tone Electronic Sounder, 5J Xenon Flash

BH Code	Type	Sound Level	IMPA Code
C7017011	DC24V, AMBER	110dB/m	
C7017012	DC24V, BLUE	110dB/m	
C7017015	DC24V, RED	110dB/m	
C7017018	YL6-DA9655 SPARE PCB DC24V	-	
C7017021	AC115V, AMBER	110dB/m	
C7017025	AC115V, RED	110dB/m	
C7017028	YL6-DA9093 SPARE PCB AC110V	-	
C7017031	AC230V, AMBER	110dB/m	
C7017032	AC230V, BLUE	110dB/m	
C7017035	AC230V, RED	110dB/m	
C7017038	YL6-DA9093 SPARE PCB AC230V	-	

### CLIFFORD & SNELL Y09 SOUNDER



- EExd IIC T6, Zone 1 & 2, IP66  
- 115dB/m 32 Tone Electronic Sounder

BH Code	Type	Sound Level	IMPA Code
C7019024	DC24V	115dB/m	
C7019110	AC115V	115dB/m	
C7019220	AC230V	115dB/m	

## CLIFFORD & SNELL Y03is/Y05is INTRINSICALLY SAFE SOUNDER



- EExia IIC T4, Zone 0, IP55(Y03is) IP56(Y05is)
- 32 Tone Electronic Sounder
- To Operate with Safety Barrier

BH Code	Type	Voltage	Sound Level	IMPA Code
C7011003	Y03-is, 32 TONE SOUNDER	24V	100dB/m	
C7011005	Y05-is, 32 TONE SOUNDER	24V	105dB/m	
C7011006	DA9557 SPARE PCB FOR Y05is	24V	-	
C7011007	MTL7787+ 24VDC SAFETY BARRIER	24V	-	

## ROTARY WARNING LIGHT



BH Code	Type	IMPA Code
C7034410	24VDC RED	
C7034411	24VDC YELLOW	
C7034420	110VAC RED	
C7034421	110VAC YELLOW	
C7034422	110VAC BLUE	
C7034423	220VAC RED	
C7044424	220VAC YELLOW	

## IZUMI KD-440 EX-PROOF PNEUMATIC DEMI HORN



- d2G4

BH Code	Type	IMPA Code
C7054424	DC24V	
C7054488	AC110V	
C7054499	AC220V	

## ATEX Wiring Devices

### DTS WIRING DEVICE



- EExd IIC T6
- Zone 1 & 2, IP56

BH Code	Type	IMPA Code
C2812101	EFDC-21G EX-PROOF BREAKGLASS	
C2812102	EFDC-21F EX-PROOF EMERGENCY STOP PUSH BUTTON SWITCH	
C2812151	SRC-215 EX-PROOF SWITCH 2P 12A 0-1	
C2812152	SRC-215 EX-PROOF SWITCH 2P 12A 1-0-2	
C2812153	SRC-215 EX-PROOF SWITCH 2P 12A 1-2	

### STAHL WIRING DEVICE (PLUG)



- EExde IIC T6
- Zone 1 & 2, IP66

BH Code	Type	Voltage	Current/Watts	IMPA Code
C5813161	8570/12-304, 3P	110V	16A	
C5813162	8570/12-306, 3P	220V	16A	

BH Code	Type	Voltage	Current/Watts	IMPA Code
C5814165	8570/12-407, 4P	500V	16A	
C5814324	8578/12-406, 4P	380-415V	32A	
C5814326	8571/12-407, 4P	480-500V	32A	
C5814634	8579/12-406, 4P	380-415V	63A	
C5814635	8579/12-407, 7H 4P	480-500V	63A	
C5814905	8581/12-407, 7H 4P	480-500V	125A	

### STAHL WIRING DEVICE (COUPLER)



- EExde IIC T6
- Zone 1 & 2, IP66

BH Code	Type	Voltage	Current/Watts	IMPA Code
C5823161	8575/14-304, 3P	110V	16A	
C5823162	8575/14-306, 3P	220V	16A	

### STAHL WIRING DEVICE (SWITCH SOCKET)



- EExde IIC T6
- Zone 1 & 2, IP66

BH Code	Type	Voltage	Current/Watts	IMPA Code
C5843161	8570/11-304, 3P	110V	16A	
C5843162	8570/11-306, 3P	220V	16A	
C5844165	8570/11-407, 4P	500V	16A	
C5844324	8578/11-406, 4P	380-415V	32A	
C5844326	8571/11-407, 4P	480-500V	32A	
C5844634	8579/11-406, 4P	380-415V	63A	
C5844835	8579/11-407, 7H 4P	480-500V	63A	
C5844905	8581/11-407, 4P	480-500V	125A	

### STAHL WIRING DEVICE (SWITCH)



- EExde IIC T6
- Zone 1 & 2, IP66

BH Code	Type	Voltage	Current/Watts	IMPA Code
C5861216	8030/51-033, 2P	230V	16A	
C5861217	8008/2-033 EX SWITCH INTERIOR	-	-	
C5862216	8040/11-V30-033-B, 2P 2W	230V	16A	

### STAHL WIRING DEVICE (PUSHBUTTON)



- EExde IIC T
- Zone 1 & 2, IP66

BH Code	Type	Voltage	Current/Watts	IMPA Code
C5871100	8040 RED + GREEN C/W GRP ENCLOSURE	690V	-	
C5871110	8040/1180X RED/GREEN C/W GRP ENCLOSURE	690V	-	
C5871200	8040 WITH LED INDICATING LAMP C/W GRP ENCLOSURE	690V	-	
C5871501	8040 EX EMERGENCY MUSHROOM STAY-PUT BUTTON C/W GRP ENCLOSURE	690V	-	
C5871502	8040 EX EMERGENCY MUSHROOM STAY-PUT BUTTON WITH KEY LOCK C/W GRP ENCLOSURE	690V	-	

BH Code	Type	Voltage	Current/Watts	IMPA Code
C5871601	8602C3-758 LOCKING FITMENT			
C5872001	8082 N.C. CONTACT (8082/1-1-00)	-	-	
C5872002	8082 N.O. CONTACT (8082/1-2-00)	-	-	
C5872005	8800/023-7 SPARE BUTTON RED/GREEN	-	-	
C5878162	8162 M25X1.5 EXE BREATHING GLAND	-	-	

### WISKA PLUG/SOCKET/SWITCH



- EExde IIC T6  
- Zone 1 & 2, IP66

BH Code	Type	Voltage	Current/Watts	IMPA Code
C3814105	14105/2 SWITCH CAST BRASS	250V	16A	
C3805166	55160 SOCKET INTERIOR	-	-	
C3805162	55161 PLUG INTERIOR	-	-	
C3805165	5516/D SOCKET 3P	220 - 240V	16A	
C3805164	5516/L SOCKET 3P	220 - 240V	16A	
C3805161	5516/St PLUG 3P	220 - 240V	16A	

## ATEX Junction/Joint Box

### DTS JUNCTION/JOINT BOX



BH Code	Type	IMPA Code
C2800026	GUVX-26 EX-PROOF JUNCTION BOX 3/4" NPT	
C2800036	GUVX-36 EX-PROOF JOINT BOX 1" NPT	
C2800100	XB-100 EXE JUNCTION BOX	

### WISKA JOINT BOX



- EExe IIC T6  
- Zone 1 & 2, IP56

BH Code	Type	Current/Watts	IMPA Code
C3805100	510 -O-	30A	
C3805102	510/2 =O	30A	
C3805103	510/3 =O-	30A	
C3805104	510/4 =O=	30A	
C3805105	TYP2 EX TERMINAL	-	

## ATEX Flashlights

### MICA IL-80 ATEX RECHARGEABLE SAFETY HAND LAMP



- EExeib IIC T4  
- Zone 1 & 2, IP67

BH Code	Type	Voltage	IMPA Code
C6011801	IL-80 LED HAND LAMP	6V	330655
C6011803	IL-80 LED HAND LAMP W/ EMERGENCY FUNCTION	6V	330656
C6012030	ILC4 SINGLE VEHICLE CHARGER	12 - 24V DC	
C6012220	ILC-VAC SINGLE MAINS CHARGER	85 - 264V AC	330657

### MICA IL-800 ATEX RECHARGEABLE SAFETY HAND LAMP



- EExeib IIC T4  
- Zone 0, 1 & 2, IP67

BH Code	Type	Voltage	IMPA Code
C6011804	IL-800 LED HAND LAMP, ZONE 0	6V	330665
C6011805	IL-800 LED HAND LAMP, ZONE 1	6V	330665
C6012030	ILC4 SINGLE VEHICLE CHARGER	12 - 24V DC	
C6012220	ILC-VAC SINGLE MAINS CHARGER	85 - 264V AC	330657

### MICA ML-808 ATEX RECHARGEABLE SAFETY HAND LAMP



- EExeib IIC T4  
- Zone 1 & 2, IP65

BH Code	Type	Voltage	IMPA Code
C6013809	ML-808 LED TORCH W/ EMERGENCY FUNCTION	6V	330661*
C6013830	MLC CHARGER/HOLDER FOR ML-808	12 - 24V DC	330663
C6017000	IL-2 MAINS ADAPTOR 100-240VAC/12VDC MULTI PLUG		

### WOLF SAFETY TORCH



- EExeib IIC T4/T3  
- Zone 1 & 2, IP67

BH Code	Type	Voltage	Current/Watts	IMPA Code
C6110241	TS-24B XENON	2.4V	0.7A	792263
C6110242	TR-24 XENON (90°)	2.4V	0.7A	792264
C6110261	TS-26 FILAMENT	2.4V	0.5A	792261
C6110145	TR-45 (90°)	1.5V	1.4W	792288
C6110262	TR-26 FILAMENT (90°)	2.4V	0.5A	792262

### WOLF PERSONAL SAFETY TORCH



BH Code	Type	Voltage	Current/Watts	IMPA Code
C6210010	LED MICRO TORCH M10	1.5V	-	792276
C6210020	XENON MINI TORCH M20	1.5V	0.3A	792277
C6210040	LED MINI TORCH M40	1.5V	-	792278
C6210060	LED MINI TORCH M60	1.5V	1W	792279
C6210085	LED MINI TORCH M85	1.5V	-	792280*

### WOLF 4 CELLS FLASHLIGHT



- EExeib IIC T5/T4, Zone 1 & 2, IP66/67

BH Code	Type	Voltage	Current/Watts	IMPA Code
C6110400	H-4DC	4.8V	0.5A	
C6110401	H-4DCA ATEX APPROVED	4.8V	0.5A	330607



## WOLF RECHARGEABLE FLASHLIGHT



BH Code	Type	Voltage	Current/Watts	IMPA Code
C6112510	H251MK2 EExes II T3 ZONE 1 & 2 IP54, KRYPTON LAMP	3.6V	3.6W	
C6112511	H251A ATEX EExeib IIC T4 ZONE 1 & 2 IP66, HALOGEN LAMP	3.75V	2.8W	330608
C6112512	H251ALED ATEX EExeib IIC T4 ZONE 1 & 2 IP65/66	3.75V	1W	
C6112513	C-251HV CHARGER 110/220V	120/230V	-	330609

## WOLF LED HEAD TORCH



- Zone 0 explosive gas, vapour and mist
- Zone 20 dust certified
- Power Source: LED
- IP66 water and dust tight
- CE marked

BH Code	Type	Lumen	IMPA Code
C6114000	HT-400 EX-PROOF LED HEAD TORCH	75	330620
C6116500	HT-650 EX-PROOF LED HEAD TORCH	130	

## PELICAN MEDIUM DUTY LIGHT



- ATEC II 3 GD EExnL IIC T4

BH Code	Type	Voltage	IMPA Code
C6201800	PELILITE 1800, XENON LAMP	2 CELL C	
C6201804	#1804 SPARE LAMP FOR 1800	-	
C6201820	POCKET SABRE 1820, XENON LAMP	2 CELL C	
C6201824	#1824 SPARE LAMP FOR 1820	-	
C6202000	SABRELITE 2000, XENON LAMP	3 CELL C	
C6202004	#2004 SPARE LAMP FOR 2000	-	
C6202400	STEALTHLITE 2400, XENON LAMP	4 CELL AA	
C6202404	#2404 SPARE LAMP FOR 2400	-	
C6202450	STEALTHLITE RECHARGEABLE 2450	6V	

## PELICAN 1900 PERSONAL LIGHT

- ATEC II 3 GD EExnL IIC T4



BH Code	Type	Voltage	IMPA Code
C6201900	MITYLITE 1900, XENON LAMP	2 CELL AAA	
C6201904	#1904 SPARE LAMP FOR 1900	-	

## PELICAN 2300 PERSONAL LIGHT

- ATEC II 3 GD EExnL IIC T4



BH Code	Type	Voltage	IMPA Code
C6202300	MITYLITE 2300, XENON LAMP	2 CELL AA	
C6202304	#2304 SPARE LAMP FOR 2300/2340	-	
C6202340	MITYLITE 2340, XENON LAMP	2 CELL AA	

## PELICAN HEAVY DUTY LIGHT

- ATEC II 3 GD EExnL IIC T2



BH Code	Type	Voltage	IMPA Code
C6204000	KINGLITE 4000, XENON LAMP	8 CELL D	
C6204003	#4003 SPARE LAMP FOR 4000	-	

## ZUKE RECHARGEABLE LED HAND LAMP



BH Code	Type	Voltage	Current/Watts	IMPA Code
C6182222	ZK2222EX EExeib iiB T4	100-240VAC	5W	

## PELICAN HEAD LIGHT

- ATEC II 3 GD EExnL IIC T3X



BH Code	Type	Voltage	IMPA Code
C6202600	HEADS UP LITE 2600, XENON/KRYPTON LAMP	4 CELL AA	
C6202604	#2604 SPARE LAMP FOR 2600	-	

## Pneumatic Lights

### KOITO PNEUMATIC LIGHT



- HF100 Mercury Lamp

BH Code	Type	IMPA Code
C6121100	ALM-100P, 100W	330621
C6121101	AL-100-1 GLOBE	
C6121102	AL-100-2 PACKING	
C6121103	AL-100-3 REDUCING VALVE GASKET	
C6121104	AL-100-4 GLOBE O-RING	
C6121107	AL-100-7 AIR HOSE COUPLING	
C6121115	AL-100-19-1 5M AIR HOSE WITH COUPLING	

### SBE PNEUMATIC LIGHT



- 80W Mercury Lamp

BH Code	Type	Voltage	Current/Watts	IMPA Code
C6122800	26101 PNEUMATIC LIGHT	120/210V	80W	
C6122801	SPARE GLOBE FOR 26101	-	-	

### WOLF PNEUMATIC LIGHT



- Exs II T4, IIC T4/T6  
- Zone 1 & 2

BH Code	Type	IMPA Code
C6120044	A-TL44 24V 250W	330638

BH Code	Type	IMPA Code	BH Code	Type	IMPA Code
C6120444	A-0444 12V 55W		C3922520	25/20 M25-M20	
C6120045	A-TL45 24V 250W	330637	C3923220	32/20 M32-M20	
C6120445	A-0445 12V 55W		C3923225	32/25 M32-M25	
			C3924025	40/25 M40-M25	
			C3924032	40/32 M40-M32	

## ATEX Cable Glands

### WISKA EX-KVM EX BRASS GLAND



- EExe II  
- Zone 1 & 2, IP56

BH Code	Type	IMPA Code
C3805106	M24X1.5	

### CCG E1EX EXD BRASS NICKEL PLATED GLAND



- Captive Cone Gland Mac-Armour Cone  
- EExde IIC  
- Zone 1 & 2, IP66/67/68

BH Code	Size	Cable Range (Min A)	Cable Range (Min B)	IMPA Code
C4052200	SIZE 00 M20ss	3.0 - 8.0mm	8.0 - 13.5mm	
C4052300	SIZE 0 M20s	7.0 - 12mm	11.5 - 16mm	
C4052301	SIZE 1 M20	9.0 - 15.5mm	14.5 - 21mm	
C4052302	SIZE 2 M25	14 - 20.2mm	20.5 - 27mm	
C4052303	SIZE 3 M32	19 - 26.5mm	26.5 - 33.5mm	
C4052304	SIZE 4 M40	26 - 34.5mm	33 - 43mm	
C4052305	SIZE 5 M50	34 - 44.5mm	42.5 - 52.5mm	
C4052306	SIZE 6 M63	44 - 57mm	52.5 - 65.5mm	
C4052307	SIZE 7 M75	56 - 68mm	65.5 - 78mm	
C4052400	SIZE 00 1/2"NPT	3.0 - 8.0mm	8.0 - 13.5mm	
C4052401	SIZE 0 1/2"NPT	7.0 - 12mm	11.5 - 16mm	
C4052402	SIZE 0 3/4"NPT	7.0 - 12mm	11.5 - 16mm	
C4052403	SIZE 1 1/2"NPT	9.0 - 15.5mm	14.5 - 21mm	
C4052404	SIZE 1 3/4"NPT	9.0 - 15.5mm	14.5 - 21mm	
C4052405	SIZE 2 3/4"NPT	14 - 20.2mm	20.5 - 27mm	
C4052406	SIZE 2 1"NPT	14 - 20.2mm	20.5 - 27mm	
C4052407	SIZE 3 1"NPT	19 - 26.5mm	26.5 - 33.5mm	
C4052408	SIZE 3 1-1/4"NPT	19 - 26.5mm	26.5 - 33.5mm	
C4052409	SIZE 4 1-1/4"NPT	26 - 34.5mm	33 - 43mm	
C4052410	SIZE 4 1-1/2"NPT	26 - 34.5mm	33 - 43mm	

### WISKA EX-VSM EX BRASS BLANK PLUG & LOCKNUT



- EExe II  
- Zone 1 & 2, IP56

BH Code	Type	IMPA Code
C3805107	EX BLANK PLUG FOR 510/4	
C3805108	M24X1.5 LOCKNUT	

### WISKA ESKE-e EXE POLYAMIDE GLAND



- EExe II  
- Zone 1 & 2, IP68

BH Code	Type	Cable Range	IMPA Code
C3900116	M16X1.5	4.0 - 9.0mm	
C3900120	M20X1.5	6.0 - 13.0mm	
C3900125	M25X1.5	10.0 - 17.0mm	
C3900132	M32X1.5	13.0 - 21.0mm	
C3900140	M40X1.5	17.0 - 28.0mm	
C3900150	M50X1.5	23.0 - 35.0mm	
C3900163	M63X1.5	31.0 - 48.0mm	

### WISKA EX-EVSG EXE POLYAMIDE STOP PLUG



- EExe II  
- Zone 1 & 2, IP66

BH Code	Type	IMPA Code
C3910016	M16X1.5	
C3910020	M20X1.5	
C3910025	M25X1.5	
C3910032	M32X1.5	

### WISKA EX-KRM EXE POLYAMIDE REDUCER



- EExe II  
- Zone 1 & 2, IP66

BH Code	Type	IMPA Code
C3922016	20/16 M20-M16	

### CCG E1EX-U EXD BRASS NICKEL PLATED GLAND



- Captive Component Gland for Multi Armoured Cable  
- EExde IIC  
- Zone 1 & 2, IP66/67/68

BH Code	Size	Cable Range	IMPA Code
C4057000	SIZE 00 M20ss	3.0 - 8.5mm	
C4057000S	SIZE 00S M20ss	3.0 - 8.5mm	
C4057100	SIZE 0 M20s	7.0 - 12mm	
C4057100S	SIZE 0S M20s	7.0 - 12mm	
C4057101	SIZE 1 M20	9.0 - 15.0mm	
C4057102	SIZE 2 M25	14.0 - 20.0mm	
C4057103	SIZE 3 M32	19.0 - 26.5mm	
C4057104	SIZE 4 M40	26.0 - 34.0mm	
C4057105	SIZE 5 M50	34 - 44.5mm	
C4057106	SIZE 6 M63	44 - 56.5mm	
C4057107	SIZE 7 M75	56 - 67.5mm	

## CCG A2F EXD BRASS NICKEL PLATED GLAND



- Compression Gland for Flexible Cable
- EExde IIC
- Zone 1 & 2, IP66/67/68

BH Code	Size	IMPA Code
C4116340	M63(M)-M40(F)	
C4116350	M63(M)-M50(F)	

BH Code	Size	Cable Range	IMPA Code
C4054000	SIZE 00 M20ss	3.0 - 8.0mm	
C4054100	SIZE 0 M20s	7.0 - 11mm	
C4054101	SIZE 1 M20	11 - 15.5mm	
C4054102	SIZE 2 M25	15.5 - 20.5mm	
C4054103	SIZE 3 M32	20.5 - 26.5mm	
C4054104	SIZE 4 M40	26.5 - 34.5mm	
C4054105	SIZE 5 M50	34 - 44.5mm	
C4054106	SIZE 6 M63	44 - 57mm	
C4054107	SIZE 7 M75	56 - 65mm	

## CCG EXD BRASS NICKEL PLATED BLANK PLUG



- EExde IIC

BH Code	Size	IMPA Code
C4120001	1/2"NPT	
C4120002	3/4"NPT	
C4120003	1"NPT	
C4120016	M16	
C4120020	M20	
C4120025	M25	
C4120032	M32	

## CCG A2EX EXD BRASS NICKEL PLATED GLAND



- Compression Gland for Unarmoured Cable
- Ex d IIC, Ex e IIC, Ex nR IIC, Ex tb IIIC
- Zone 1 & 2, IP66/68

BH Code	Size	Cable Range	IMPA Code
C4053600	Size 00 M20ss	3.0 - 8.5mm	
C4053610	Size 0 M20s	7.0 - 12.0mm	
C4053611	Size 1 M20	9.0 - 15.0mm	
C4053612	SIZE 2 M25	14.0 - 20.0mm	
C4053613	SIZE 3 M32	19.0 - 26.5mm	

## CCG BRASS NICKEL PLATED SERRATED WASHER



BH Code	Size	IMPA Code
C4130016	M16	
C4130020	M20	
C4130025	M25	
C4130032	M32	
C4130040	M40	
C4130050	M50	
C4130063	M63	
C4130075	M75	

## CCG EXD BRASS NICKEL PLATED ADAPTOR



- EExde II
- Zone 1 & 2, IP66/67/68

BH Code	Size	IMPA Code
C4100102	1/2"NPT(M) - 3/4"NPT(F)	
C4100120	1/2"NPT(M)-M20(F)	
C4100201	3/4"NPT(M)-1/2"NPT(F)	
C4100220	3/4"NPT(M)-M20(F)	
C4100302	1"NPT(M)-1/2"NPT(F)	
C4102001	M20(M)-1/2"NPT(F)	
C4102002	M20(M)-3/4"NPT(F)	
C4102025	M20(M)-M25(F)	
C4102532	M25(M)-M32(F)	

## CCG PVC SHROUD



BH Code	Size	IMPA Code
C4152500	SIZE 0 M20	
C4152501	SIZE 1 M20	
C4152502	SIZE 2 M25	
C4152503	SIZE 3 M32	
C4152504	SIZE 4 M40	
C4152505	SIZE 5 M50	
C4152506	SIZE 6 M63	

## CCG EXD BRASS NICKEL PLATED REDUCER



- EExde II
- Zone 1 & 2, IP66/67/68

BH Code	Size	IMPA Code
C4110320	1"NPT(M)-M20(F)	
C4110325	1"NPT(M)-M25(F)	
C4112520	M25(M)-M20(F)	
C4113220	M32(M)-M20(F)	
C4113225	M32(M)-M25(F)	
C4114020	M40(M)-M20(F)	
C4114025	M40(M)-M25(F)	
C4114032	M40(M)-M32(F)	
C4115032	M50(M)-M32(F)	

## CCG BRASS NICKEL PLATED LOCKNUT



BH Code	Size	IMPA Code
C4153900	M16	
C4153901	M20	
C4153902	M25	
C4153903	M32	
C4153904	M40	

BH Code	Size	IMPA Code	EX GRP ENCLOSURE IP66 BLACK
C4153905	M50		

### CCG EARTH TAG



BH Code	Size	IMPA Code
C4154020	M20	
C4154025	M25	
C4154032	M32	
C4154040	M40	
C4154050	M50	
C4154063	M63	
C4154075	M75	

BH Code	Type	IMPA Code
C4702001	BPGC1 80X75X55mm	
C4702002	BPGC2 110X75X55mm	
C4702003	BPGC3 160X75X55mm	
C4702004	BPGC4 190X75X55mm	
C4702005	BPGC5 230X75X55mm	
C4702006	BPGC6 122X120X90mm	
C4702007	BPGC7 220X120X90mm	
C4702008	BPGC8 160X160X90mm	
C4702009	BPGC9 260X160X90mm	
C4702010	BPGC10 360X160X90mm	
C4702011	BPGC11 560X160X90mm	
C4702012	BPGC12 255X250X120mm	
C4702013	BPGC13 400X250X120mm	

### CCG POLYPROPYLENE SEALING GASKET



BH Code	Size	IMPA Code
C4154520	M20	
C4154525	M25	
C4154532	M32	
C4154540	M40	

### EEXe GRP ENCLOSURE IP66 BLACK



BH Code	Type	IMPA Code
C4703006	BPGC6 120X120X90mm C/W EARTH CONTINUITY PLATE, EARTH STUD, 6 X M20 ENTRY & 6 X M20 STOPPING PLUGS	
C4703008	BPGC8 160X160X90mm C/W EARTH CONTINUITY PLATE, EARTH STUD, 6 X M20 ENTRY & 6 X M20 STOPPING PLUGS	

## ATEX Enclosures

### GRP ENCLOSURE IP66 GREY



BH Code	Type	IMPA Code
C4701001	BPG1 80X75X55mm	
C4701002	BPG2 110X75X55mm	
C4701003	BPG3 160X75X55mm	
C4701004	BPG4 190X75X55mm	
C4701005	BPG5 230X75X55mm	
C4701006	BPG6 122X120X90mm	
C4701007	BPG7 220X120X90mm	
C4701008	BPG8 160X160X90mm	
C4701009	BPG9 260X160X90mm	
C4701010	BPG10 360X160X90mm	
C4701011	BPG11 560X160X90mm	
C4701012	BPG12 255X250X120mm	
C4701013	BPG13 400X250X120mm	
C4701015	BPG15 400X405X120mm	
C4701018	BPG18 600X250X120mm	

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## MENNEKES

### MENNEKES W.T MALE PLUG IP44



BH Code	Voltage	Poles	Ampere	Hour	IMPA Code
D1000629	20-25V	2P	16A	-	
D1000636	20-25V	2P + E	16A	-	
D1002184	50-250VDC	2P + E	16A	3H	
D1000147	110V	2P + E	16A	4H	
D1000248	230V	2P + E	16A	6H	792701*
D1000251	230V	3P + E	16A	9H	792706*
D1000252	400V	3P + E	16A	6H	792708*
D1000003	400V	3P + E + N	16A	6H	792714*
D1000259	110V	2P + E	32A	4H	
D1000260	230V	2P + E	32A	6H	792702*
D1000263	230V	3P + E	32A	9H	792707*
D1000264	400V	3P + E	32A	6H	792709*
D1000265	500V	3P + E	32A	7H	
D1000269	230V	3P + E + N	32A	6H	792738*
D1000004	400V	3P + E + N	32A	6H	792715*
D1013102	230V	2P + E	63A	6H	
D1013106	400V	3P + E	63A	6H	
D1013112	400V	3P + E + N	63A	6H	

### MENNEKES DOUBLE W.T MALE PLUG IP67



BH Code	Voltage	Poles	Ampere	Hour	IMPA Code
D1000277	110V	2P + E	16A	4H	
D1000278	230V	2P + E	16A	6H	792703*
D1000282	400V	3P + E	16A	6H	792710*
D1003813	440V	3P + E	16A	11H	
D1000283	500V	3P + E	16A	7H	
D1000288	400V	3P + E + N	16A	6H	792716*
D1000290	230V	2P + E	32A	6H	792704*
D1000293	230V	3P + E	32A	9H	
D1002175	400V	3P + E	32A	3H	
D1000294	400V	3P + E	32A	6H	792711*
D1003846	440V	3P + E	32A	11H	
D1000295	500V	3P + E	32A	7H	
D1000300	400V	3P + E + N	32A	6H	792717*
D1013201	110V	2P + E	63A	4H	
D1013202	230V	2P + E	63A	6H	792705*
D1013206	400V	3P + E	63A	6H	792712*
D1013207	500V	3P + E	63A	7H	
D1013245	440V	3P + E	63A	11H	
D1013212	400V	3P + E + N	63A	6H	792718*
D1013216	230V	2P + E	125A	6H	
D1013219	400V	3P + E	125A	6H	792713*
D1013220	500V	3P + E	125A	7H	
D1013225	400V	3P + E + N	125A	6H	792719*

### MENNEKES W.T FEMALE CONNECTOR IP44



BH Code	Voltage	Poles	Ampere	Hour	IMPA Code
D1000681	20-25V	2P	16A	-	
D1000688	20-25V	2P + E	16A	-	
D1002185	>50-250V	2P + E	16A	3H	
D1000179	110V	2P + E	16A	4H	
D1000510	230V	2P + E	16A	6H	
D1000514	400V	3P + E	16A	6H	792720*
D1000005	400V	3P + E + N	16A	6H	792726*
D1000521	110V	2P + E	32A	4H	
D1000522	230V	2P + E	32A	6H	
D1000526	400V	3P + E	32A	6H	792721*
D1000006	400V	3P + E + N	32A	6H	792727*
D1014102	230V	2P + E	63A	6H	
D1014106	400V	3P + E	63A	6H	
D1014112	400V	3P + E + N	63A	6H	

### MENNEKES DOUBLE W.T FEMALE CONNECTOR IP67



H Code	Voltage	Poles	Ampere	Hour	IMPA Code
D1000539	110V	2P + E	16A	4H	
D1000540	230V	2P + E	16A	6H	
D1000544	400V	3P + E	16A	6H	792722*
D1003875	440V	3P + E	16A	11H	
D1000550	400V	3P + E + N	16A	6H	792728*
D1000552	230V	2P + E	16A	6H	
D1000555	230V	3P + E	32A	9H	
D1002177	400V	3P + E	32A	3H	
D1000556	400V	3P + E	32A	6H	792723*
D1003901	440V	3P + E	32A	11H	
D1000557	500V	3P + E	32A	7H	
D1000562	400V	3P + E + N	32A	6H	792729*
D1014201	110V	2P + E	63A	4H	
D1014202	230V	2P + E	63A	6H	
D1014206	400V	3P + E	63A	6H	792724*
D1014212	400V	3P + E + N	63A	6H	792730*
D1014219	400V	3P + E	125A	6H	792725*
D1014225	400V	3P + E + N	125A	6H	792731*

### MENNEKES W.T WALL MOUNT SOCKET IP44



BH Code	Voltage	Poles	Ampere	Hour	IMPA Code
D1000100	110V	2P + E	16A	4H	
D1000101	230V	2P + E	16A	6H	
D1001178	230V	2P + E	16A	6H	792732*
D1027001	230V	2P + E	16A	6H	792732*
D1003034	230V	3P + E	16A	9H	792737*
D1027002	400V	3P + E	16A	6H	792739*
D1027004	400V	3P + E + N	16A	6H	792745*

BH Code	Voltage	Poles	Ampere	Hour	IMPA Code	BH Code	Voltage	Poles	Ampere	Hour	IMPA Code
D1001420	110V	2P + E	32A	4H		D1005793	230V	2P + E	32A	6H	
D1027005	230V	2P + E	32A	6H	792733*	D1005792	400V	3P + E	32A	3H	
D1027006	400V	3P + E	32A	6H	792740*	D1005605	400V	3P + E	32A	6H	
D1000002	400V	3P + E + N	32A	6H	792746*	D1005606	500V	3P + E	32A	7H	
D1027008	400V	3P + E + N	32A	6H	792746*	D1005608	400V	3P + E + N	32A	6H	
D1001141	400V	3P + E	63A	6H		D1005110	400V	3P + E	63A	6H	
D1001145	400V	3P + E + N	63A	6H		D1005111	500V	3P + E	63A	7H	

### MENNEKES DOUBLE W.T WALL MOUNT SOCKET IP67



BH Code	Voltage	Poles	Ampere	Hour	IMPA Code
D1001193	110V	2P + E	16A	4H	
D1001192	230V	2P + E	16A	6H	792734*
D1001196	400V	3P + E	16A	6H	792741*
D1009322	400V	3P + E	16A	6H	792741*
D1001197	500V	3P + E	16A	7H	
D1001200	400V	3P + E + N	16A	6H	792747*
D1001201	110V	2P + E	32A	4H	
D1009351	230V	2P + E	32A	6H	792735*
D1009371	230V	3P + E	32A	9H	
D1009562	400V	3P + E	32A	3H	
D1009372	400V	3P + E	32A	6H	792742*
D1009373	500V	3P + E	32A	7H	
D1001210	400V	3P + E + N	32A	6H	792748*
D1000128	230V	2P + E	63A	6H	792736*
D1000132	400V	3P + E	63A	6H	792743*
D1000136	400V	3P + E + N	63A	6H	792749*
D1000139	400V	3P + E	125A	6H	792744*
D1000143	400V	3P + E + N	125A	6H	792750*

### MENNEKES W.T SWITCH SOCKET IP44



BH Code	Voltage	Poles	Ampere	Hour	IMPA Code
D1007010	110V	2P + E	16A	4H	
D1007002	230V	2P + E	16A	6H	
D1005100	400V	3P + E	16A	6H	
D1005696	230V	2P + E	32A	6H	
D1005105	400V	3P + E	32A	6H	
D1005108	400V	3P + E + N	32A	6H	
D1006571	230V	2P + E	63A	6H	
D1005956	400V	3P + E	63A	6H	
D1005959	400V	3P + E + N	63A	6H	

### MENNEKES DOUBLE W.T SWITCH SOCKET IP67



BH Code	Voltage	Poles	Ampere	Hour	IMPA Code
D1007011	110V	2P + E	16A	4H	
D1007012	230V	2P + E	16A	6H	
D1005599	230V	3P + E	16A	9H	
D1005600	400V	3P + E	16A	6H	
D1005601	500V	3P + E	16A	7H	

### MENNEKES W.T PANEL MOUNT SOCKET IP44



BH Code	Voltage	Poles	Ampere	Hour	IMPA Code
D1000603	20-25V	2P	16A	-	
D1000610	20-25V	2P + E	16A	-	
D1001462	110V	2P + E	16A	4H	
D1001463	230V	2P + E	16A	6H	
D1001467	400V	3P + E	16A	6H	
D1001473	400V	3P + E + N	16A	6H	
D1001491	110V	2P + E	32A	4H	
D1001492	230V	2P + E	32A	6H	
D1001496	400V	3P + E	32A	6H	
D1001500	400V	3P + E + N	32A	6H	
D1001147	230V	2P + E	63A	6H	
D1001151	400V	3P + E	63A	6H	
D1001155	400V	3P + E + N	63A	6H	

### MENNEKES DOUBLE W.T PANEL MOUNT SOCKET IP67



BH Code	Voltage	Poles	Ampere	Hour	IMPA Code
D1001474	110V	2P + E	16A	4H	
D1001475	230V	2P + E	16A	6H	
D1001479	400V	3P + E	16A	6H	
D1001485	400V	3P + E + N	16A	6H	
D1001501	110V	2P + E	32A	4H	
D1001502	230V	2P + E	32A	6H	
D1002123	400V	3P + E	32A	3H	
D1001506	400V	3P + E	32A	6H	
D1001507	500V	3P + E	32A	7H	
D1001551	400V	3P + E + N	32A	6H	
D1002179	110V	2P + E	63A	4H	
D1002180	230V	2P + E	63A	6H	
D1000205	400V	3P + E	63A	6H	
D1000206	500V	3P + E	63A	7H	
D1000209	400V	3P + E + N	63A	6H	
D1000212	400V	3P + E	125A	6H	
D1000213	500V	3P + E	125A	7H	
D1000216	400V	3P + E + N	125A	6H	

## MENNEKES W.T PANEL MOUNT INLET IP44



BH Code	Voltage	Poles	Ampere	Hour	IMPA Code
D1000373	400V	3P + E	16A	6H	
D1000379	400V	3P + E + N	16A	6H	
D1001408	400V	3P + E + N	16A	6H	
D1000380	110V	2P + E	32A	4H	
D1000381	230V	2P + E	32A	6H	
D1000817	230V	2P + E	32A	6H	
D1000385	400V	3P + E	32A	6H	
D1000391	400V	3P + E + N	32A	6H	
D1001409	400V	3P + E + N	32A	6H	

## MENNEKES DOUBLE W.T PANEL MOUNT INLET IP67



BH Code	Voltage	Poles	Ampere	Hour	IMPA Code
D1002319	>50-250V	2P + E	16A	3H	
D1000825	110V	2P + E	16A	4H	
D1000826	230V	2P + E	16A	6H	
D1000827	400V	3P + E	16A	6H	
D1000830	110V	2P + E	32A	4H	
D1000831	230V	2P + E	32A	6H	
D1000832	400V	3P + E	32A	6H	
D1000834	400V	3P + E + N	32A	6H	
D1003656	400V	3P + E	63A	6H	
D1003658	400V	3P + E + N	63A	6H	
D1003583	400V	3P + E	125A	6H	
D1001983	400V	3P + E + N	125A	6H	

## MENNEKES W.T APPLIANCE INLET IP44



BH Code	Voltage	Poles	Ampere	Hour	IMPA Code
D1000843	110V	2P + E	16A	4H	
D1000844	230V	2P + E	16A	6H	
D1000336	400V	3P + E	16A	6H	
D1000342	400V	3P + E + N	16A	6H	
D1000344	230V	2P + E	32A	6H	
D1000348	400V	3P + E	32A	6H	
D1000354	400V	3P + E + N	32A	6H	

## MENNEKES DOUBLE W.T APPLIANCE INLET IP67



BH Code	Voltage	Poles	Ampere	Hour	IMPA Code
D1000357	400V	3P + E	63A	6H	
D1000361	400V	3P + E + N	63A	6H	
D1000368	400V	3P + E + N	125A	6H	

## MENNEKES SCHUKO PLUG/CONNECTOR/SOCKET



BH Code	Type	Voltage	Poles	Ampere	IMPA Code
D1010749	PLUG, IP44	230V	2P + E	16A	
D1010751	CONNECTOR, IP44	230V	2P + E	16A	
D1011010	PMS, IP54	230V	2P + E	16A	
D1010801	SSO, IP44	230V	2P	16A	
D1010828	PLUG, IP68	230V	2P + E	16A	

## PROTECTIVE COVER FOR PLUG & INLET



BH Code	Poles	Ampere	IMPA Code
D1040784	3P	16A	
D1040841	3P + 4P	32A	
D1040786	5P + 7P	32A	
D1040787	3P, 4P + 5P	63A	

## GEWISS

### GEWISS W.T INDUSTRIAL MALE PLUG IP44



BH Code	Voltage	Ampere	Poles	Hour	IMPA Code
D4060064	24V	16A	2P	-	
D4060001	110V	16A	2P+E	4H	
D4060004H	220V	16A	2P+E	6H	
D4060005	220V	16A	3P+E	6H	
D4060008	415V	16A	3P+E	6H	
D4060009	415V	16A	3P+E+N	6H	
D4060081	24 - 42VDC	32A	2P	10H	
D4060012	110V	32A	2P+E	4H	
D4060015	220V	32A	2P+E	6H	
D4060019	415V	32A	3P+E	6H	
D4060020	415V	32A	3P+E+N	6H	

### GEWISS DOUBLE W.T INDUSTRIAL MALE PLUG IP67



BH Code	Voltage	Ampere	Poles	Hour	IMPA Code
D4060023H	110V	16A	2P+E	4H	
D4060026H	230V	16A	2P+E	6H	
D4060030H	400V	16A	3P+E	6H	
D4060031H	400V	16A	3P+E+N	6H	
D4060032H	500V	16A	3P+E	7H	
D4060034H	110V	32A	2P+E	4H	
D4060037H	230V	32A	2P+E	6H	
D4060041H	400V	32A	3P+E	6H	
D4060042H	400V	32A	3P+E+N	6H	
D4060043H	500V	32A	3P+E	7H	
D4061048	220V	63A	2P+E	6H	
D4061051	380V	63A	2P+E	6H	



BH Code	Voltage	Ampere	Poles	Hour	IMPA Code	BH Code	Voltage	Ampere	Poles	Hour	IMPA Code
D4061052	415V	63A	3P+E	6H		D4062026	220V	16A	2P+E	6H	
D4061053	415V	63A	3P+E+N	6H		D4062031	415V	16A	3P+E+N	6H	
D4061054	500V	63A	3P+E	7H		D4063026	220V	16A	2P+E	6H	
D4060060	415V	125A	3P+E	6H		D4062034	110V	32A	2P+E	4H	
D4060061	415V	125A	3P+E+N	6H		D4062037	220V	32A	2P+E	6H	
D4060062	500V	125A	3P+E	7H		D4062041	415V	32A	3P+E	6H	
						D4062042	415V	32A	3P+E+N	6H	
						D4062128	440V	32A	3P+E	3H	
						D4062032	500V	32A	3P+E	7H	
						D4063052	415V	63A	3P+E	6H	
						D4063053	415V	63A	3P+E+N	6H	
						D4063054	500V	63A	3P+E	7H	

### GEWISS DOUBLE W.T INDUSTRIAL ANGLE MALE PLUG IP67



BH Code	Voltage	Ampere	Poles	Hour	IMPA Code
D4060105	110V	16A	2P+E	4H	
D4060108	220V	16A	2P+E	6H	
D4060112	415V	16A	3P+E	6H	
D4060116	110V	32A	2P+E	4H	
D4060119	220V	32A	2P+E	6H	
D4060123	415V	32A	3P+E	6H	
D4060145H	440V	32A	3P+E	3H	
D4060125	500V	32A	3P+E	7H	

### GEWISS DOUBLE W.T INDUSTRIAL 90° ANGLE APPLIANCE INLET IP67



BH Code	Voltage	Ampere	Poles	Hour	IMPA Code
D4060426	220V	16A	2P+E	6H	
D4060430	380V	16A	3P+E	6H	
D4060431	380V	16A	3P+E+N	6H	
D4060437	220V	32A	2P+E	6H	
D4060441	380V	32A	3P+E	6H	
D4060442	380V	32A	3P+E+N	6H	
D4061453	400V	63A	3P+E+N	6H	

### GEWISS W.T INDUSTRIAL FEMALE CONNECTOR IP44



BH Code	Voltage	Ampere	Poles	Hour	IMPA Code
D4062064	24V	16A	2P	-	
D4062001	110V	16A	2P+E	4H	
D4062004H	220V	16A	2P+E	6H	
D4062005	220V	16A	3P+E	6H	
D4062008H	400V	16A	3P+E	6H	62012
D4062009H	400V	16A	3P+E+N	6H	62015
D4062019H	400V	32A	3P+E	6H	62020
D4063004	220V	16A	2P+E	6H	
D4063008	400V	16A	3P+E	6H	

### GEWISS DOUBLE W.T INDUSTRIAL FEMALE CONNECTOR IP67



BH Code	Voltage	Ampere	Poles	Hour	IMPA Code
D4062023	110V	16A	2P+E	4H	

### GEWISS W.T INDUSTRIAL 10° ANGLE RECEPTACLE IP44



BH Code	Voltage	Ampere	Poles	Hour	IMPA Code
D4062201	110V	16A	2P+E	4H	
D4062204	230V	16A	2P+E	6H	
D4062205H	220V	16A	2P+E	6H	
D4062209	380V	16A	3P+E	6H	
D4062210	380V	16A	3P+E+N	6H	
D4062216	220V	32A	2P+E	6H	
D4062220	380V	32A	3P+E	6H	
D4062221	380V	32A	3P+E+N	6H	

### GEWISS DOUBLE W.T INDUSTRIAL 10° ANGLE RECEPTACLE IP67



BH Code	Voltage	Ampere	Poles	Hour	IMPA Code
D4062224	110V	16A	2P+E	4H	
D4062227H	220V	16A	2P+E	6H	
D4062238	110V	32A	3P+E	4H	
D4062242	380V	32A	3P+E	6H	
D4062243	380V	32A	3P+E+N	6H	
D4062262	400V	125A	3P+E+N	6H	
D4062263	500V	125A	3P+E	7H	

### GEWISS W.T 90° ANGLE SURFACE MOUNT SOCKET OUTLET IP44



BH Code	Voltage	Ampere	Poles	Hour	IMPA Code
D4062474	110V	16A	2P+E	4H	
D4062477	220V	16A	2P+E	6H	
D4062481	415V	16A	3P+E	6H	
D4062482	415V	16A	3P+E+N	6H	
D4062483	500V	16A	3P+E	7H	
D4062492	415V	32A	3P+E	6H	
D4062493	415V	32A	3P+E	6H	

## GEWISS DOUBLE W.T 90° ANGLE SURFACE MOUNT SOCKET OUTLET IP67



BH Code	Voltage	Ampere	Poles	Hour	IMPA Code
D4062423	110V	16A	2P+E	4H	
D4062426	220V	16A	2P+E	6H	
D4062430	415V	16A	3P+E	6H	
D4062506	500V	16A	3P+E	7H	
D4062434	110V	32A	2P+E	4H	
D4062437	220V	32A	2P+E	6H	
D4062441	415V	32A	3P+E	6H	
D4062511	220V	32A	2P+E	6H	
D4062515	415V	32A	3P+E	6H	
D4062516	415V	32A	3P+E+N	6H	
D4062556	440V 10°	32A	3P+E	3H	
D4062557	440V 90°	32A	3P+E	3H	
D4063445	110V	63A	2P+E	4H	
D4063452	400V	63A	3P+E	6H	
D4063526	415V	63A	3P+E	6H	
D4063527	415V	63A	3P+E+N	6H	
D4063454	500V	63A	3P+E	7H	
D4063528	500V 90°	63A	3P+E	6H	
D4062535	415V	125A	3P+E+N	6H	

## GEWISS W.T INTERLOCKED FIXED SOCKET OUTLET IP66



BH Code	Voltage	Ampere	Poles	Hour	IMPA Code
<b>WITH BASE</b>					
D4066532	380V	63A	3P+E+N	6H	
D4066533	500V	63A	3P+E	7H	
D4067260N	230V	63A	3P+E	9H	
<b>WITH BOTTOM FOR MOUNTING MODULAR DEVICES</b>					
D4066873	415V	63A	3P+E	6H	
D4066874	380V	63A	3P+E+N	6H	
<b>WITH FUSE HOLDER BASE</b>					
D4066969	415V	32A	3P+E	6H	

## GEWISS 2 LIDS MOUNTING BOX WITH FLANGED COVER IP55



BH Code	Type	IMPA Code
D4066742	85X75 - 95X80 FOR PANEL SOCKET	

## GEWISS W.T HORIZONTAL INTERLOCKED SOCKET OUTLET IP44



BH Code	Voltage	Ampere	Poles	Hour	IMPA Code
D4066004	220V	16A	2P+E	6H	
D4066008	380V	16A	3P+E	6H	
D4066009	380V	16A	3P+E+N	6H	
D4066015	220V	32A	2P+E	6H	
D4066019	380V	32A	3P+E	6H	

## GEWISS EMPTY BOARD WITH FLANGED IP65



BH Code	Type	IMPA Code
D4068001	4 WAYS 3 COVERS DB	
D4068003	8 WAYS 4 COVERS DB	
D4068005	12 WAYS 3 COVERS DB	
D4068006	12 WAYS 2 COVERS DB	
D4068007N	12 WAYS UNWIRED DB WITH BLANK LID	
D4068008	12 WAYS 6 COVERS DB	
D4068010	12 WAYS 3 COVERS DB	
D4068013	18 WAYS 8 COVERS DB	
D4068015	18 WAYS 8 COVERS DB	
D4068017	4 WAYS 1 COVER DB	
D4068018	4 WAYS 2 COVERS DB	

## GEWISS W.T VERTICAL FIXED INTERLOCKED SOCKET OUTLET IP67



BH Code	Voltage	Ampere	Poles	Hour	IMPA Code
D4066201N	110V	16A	2P+E	4H	
D4066204N	220V	16A	2P+E	6H	
D4066208N	415V	16A	3P+E	6H	
D4066209N	415V	16A	3P+E+N	6H	
D4066212N	110V	32A	2P+E	4H	
D4066215N	220V	32A	2P+E	6H	
D4066219N	415V	32A	3P+E	6H	
D4066220N	415V	32A	3P+E+N	6H	
D4066221N	500V	32A	3P+N	7H	
D4066257N	440V	32A	3P+E	3H	
D4067265N	500V	63A	3P+E	7H	

## GEWISS 16A SWITCH



BH Code	Type	IP Rating	IMPA Code
<b>FLUSH TYPE</b>			
GW148112	1 GANG 2 POLE	IP40	
GW148122	2 GANG 2 POLE	IP40	
GW148133	3 GANG 2 POLE	IP40	
GW148144	4 GANG 2 POLE	IP40	
GW148212	1 GANG 2 WAY 2 POLE	IP40	
GW148224	2 GANG 2 WAY 2 POLE	IP40	
GW158112	1 GANG 2 POLE	IP55	

BH Code	Type	IP Rating	IMPA Code
GW158122	2 GANG 2 POLE	IP55	
GW158212	1 GANG 2 WAY 2 POLE	IP55	
<b>SURFACE TYPE</b>			
GW149112	1 GANG 2 POLE	IP40	
GW149122	2 GANG 2 POLE	IP40	
GW149133	3 GANG 2 POLE	IP40	
GW149144	4 GANG 2 POLE	IP40	
GW149212	1 GANG 2 WAY 2 POLE	IP40	
GW149224	2 GANG 2 WAY 2 POLE	IP40	
GW159112	1 GANG 2 POLE	IP55	
GW159122	2 GANG 2 POLE	IP55	
GW159212	1 GANG 2 WAY 2 POLE	IP55	

### GEWISS DIMMER SWITCH



BH Code	Type	IP Rating	IMPA Code
<b>FLUSH TYPE</b>			
GW148312	DIMMER WITH 2 WAY SWITCH 100 - 500W	IP40	
<b>SURFACE TYPE</b>			
GW149312	DIMMER WITH 2 WAY SWITCH 100 - 500W	IP40	

### GEWISS 16A SOCKET



BH Code	Type	IP Rating	IMPA Code
<b>FLUSH TYPE</b>			
GW248112	1 GANG 2P+E	IP40	
GW248124	2 GANG 2P+E	IP40	
GW248136	3 GANG 2P+E	IP40	
GW258112	1 GANG 2P+E	IP55	
GW258124	2 GANG 2P+E	IP55	
<b>SURFACE TYPE</b>			
GW249112	1 GANG 2P+E	IP40	
GW249124	2 GANG 2P+E	IP40	
GW259112	1 GANG 2P+E	IP55	
GW259124	2 GANG 2P+E	IP55	

### GEWISS 15A SWITCH



BH Code	Type	IP Rating	IMPA Code
GW248512	1 GANG 2P+E U-II	IP40	
GW248523	2 GANG 2P+E U-II	IP40	
GW249512	1 GANG 2P+E 15A U-II	IP40	
GW249523	2 GANG 2P+E 15A U-II	IP40	
GW259512	1 GANG 2P+E 15A U-II	IP55	
GW259523	2 GANG 2P+E 15A U-II	IP55	

### GEWISS 13A SOCKET



BH Code	Type	IP Rating	IMPA Code
<b>FLUSH TYPE</b>			
GW248212	1 GANG 2P+E	IP40	
GW248225	2 GANG 2P+E	IP40	
GW258212	1 GANG 2P+E	IP55	
<b>SURFACE TYPE</b>			
GW249212	1 GANG 2P+E	IP40	
GW249225	2 GANG 2P+E	IP40	
GW259212	1 GANG 2P+E	IP55	

### GEWISS 15A AUSTRALIAN SOCKET



BH Code	Type	IP Rating	IMPA Code
<b>FLUSH TYPE</b>			
GW248412	1 GANG 2P+E	IP40	
GW248425	2 GANG 2P+E	IP40	
GW258412	1 GANG 2P+E	IP55	
GW258424	2 GANG 2P+E	IP55	
<b>SURFACE TYPE</b>			
GW249412	1 GANG 2P+E	IP40	
GW249425	2 GANG 2P+E	IP40	
GW259412	1 GANG 2P+E	IP55	
GW259424	2 GANG 2P+E	IP55	

### GEWISS UNIVERSAL SOCKET



BH Code	Type	IP Rating	IMPA Code
<b>FLUSH TYPE</b>			
GW248012	1 GANG 2P+E	IP40	
GW248025	2 GANG 2P+E	IP40	
GW258012	1 GANG 2P+E	IP55	
<b>SURFACE TYPE</b>			
GW249012	1 GANG 2P+E	IP40	
GW249025	2 GANG 2P+E	IP40	
GW259012	1 GANG 2P+E	IP55	

### GEWISS 16A SWITCH SOCKET



BH Code	Type	IP Rating	IMPA Code
<b>FLUSH TYPE</b>			
GW348113	1 GANG 2P+E	IP40	
GW358113	1 GANG 2P+E	IP55	
<b>SURFACE TYPE</b>			
GW349113	1 GANG 2P+E	IP40	
GW359113	1 GANG 2P+E	IP55	

## GEWISS 13A SWITCH SOCKET



BH Code	Type	IP Rating	IMPA Code
<b>FLUSH TYPE</b>			
GW348213	1 GANG 2P+E	IP40	
GW358213	1 GANG 2P+E	IP55	
<b>SURFACE TYPE</b>			
GW349213	1 GANG 2P+E	IP40	
GW359213	1 GANG 2P+E	IP55	

## GEWISS RJ45 SOCKET



BH Code	Type	IP Rating	IMPA Code
GW448112	1 GANG CAT 5E UTP	IP40	
GW448122	2 GANG CAT 5E UTP	IP40	
GW448212	1 GANG CAT 5E FTP	IP40	
GW448222	2 GANG CAT 5E FTP	IP40	
GW448312	1 GANG CAT 6 UTP	IP40	
GW448322	2 GANG CAT 6 UTP	IP40	
GW448412	1 GANG CAT 6 FTP	IP40	
GW448422	2 GANG CAT 6 FTP	IP40	

## GEWISS FLUSH SOCKETS WITH DOUBLE USB OUTLETS



BH Code	Type	IP Rating	IMPA Code
IGGW548012	DOUBLE USB OUTLETS 110V-240VAC 5VDC 2.1A	IP40	
IGGW548023	UNIVERSAL SOCKET 2P+E 10A	IP40	
IGGW548123	SCHUKO SOCKET 2P+E 16A	IP40	
IGGW548223	13A BRITISH SOCKET	IP40	
IGGW548323	15A 2P+E ROUND PIN SOCKET	IP40	
IGGW548423	AUSTRALIAN SOCKET 2P+E 15A	IP40	
IGGW548523	UII 2P+E 15A SOCKET	IP40	
IGGW548623	2 FLAT PIN SOCKET 15A	IP40	
IGGW548723	DUAL AMP SOCKET 2P+E 16A 250V	IP40	

## GEWISS RJ11/RJ11+RJ45 SOCKET



BH Code	Type	IP Rating
GW448512	RJ11 1 GANG	IP40
GW448522	RJ11 2 GANG	IP40
GW448622	RJ11 + RJ45	IP40

## GEWISS TV-FM/SAT SOCKET



BH Code	Type	IP Rating
GW448722	TV-FM	IP40
GW448812	SAT	IP40

## GEWISS 15A AUSTRALIAN SWITCH SOCKET



BH Code	Type	IP Rating	IMPA Code
<b>FLUSH TYPE</b>			
GW348413	1 GANG 2P+E	IP40	
GW358413	1 GANG 2P+E	IP55	
<b>SURFACE TYPE</b>			
GW349413	1 GANG 2P+E	IP40	
GW359413	1 GANG 2P+E	IP55	

## GEWISS UNIVERSAL SWITCH SOCKET



BH Code	Type	IP Rating	IMPA Code
<b>FLUSH TYPE</b>			
GW348013	1 GANG 2P+E	IP40	
GW348026	2 GANG 2P+E	IP40	
GW358013	1 GANG 2P+E	IP55	
<b>SURFACE TYPE</b>			
GW349013	1 GANG 2P+E	IP40	
GW359013	1 GANG 2P+E	IP55	

# SANSHIN

## SANSHIN W.T SOCKET IP56



BH Code	Type	Voltage	Current/Watts	IMPA Code
B1212301	1M-3P W.T 3PIN SOCKET	250V	15A	792806
B1212302	2M W.T 4PIN RECEPTACLE	250V	15A	792807
B1212303	1M-2P 24V 2PIN SOCKET	24V	20A	
B1212304	1M2-3P W.T 3PIN TWIN RECEPTACLE	250V	15A	792831
B1212305	1M-4P W.T 4PIN RECEPTACLE	250V	15A	

## SANSHIN W.T SWITCH SOCKET IP56



BH Code	Type	Voltage	Current/Watts	IMPA Code
B1212401	S1RM-3P W.T 3 PIN SWITCHED SOCKET	125/250V	10A	792808
B1212403	S1RM-2P W.T 2 PIN RECEPTACLE W/ SWITCH	AC250V DC24V	10A	
B1212405	S1RM2 W.T 3P RECEPTACLE/SWITCH TWIN	250V	10A	792832

## SANSHIN W.T PLUG IP56



BH Code	Type	Voltage	Current/Watts	IMPA Code
B1212521	1MA-2P W.T 2 PIN PLUG	AC250V DC24V	20A	
B1212522	1B-2P W.T 2 PIN PLUG	AC250V DC24V	20A	
B1212532	1MA W.T 3 PIN PLUG	250V	20A	792801
B1212534	1MB-3P W.T 3 PIN PLUG	250V	20A	792802
B1212545	1B-4P W.T. 4 PIN PLUG	250V	15A	
D5602803	2MA W.T 4 PIN PLUG	250V	20A	792803
D5602804	2MB W.T. 4 PIN PLUG	250V	20A	792804

## SANSHIN W.T SWITCH IP56



BH Code	Type	Voltage	Current/Watts	IMPA Code
B1212601	1MR W.T 2P SWITCH	125/250V	10A	793015
B1212603	1MR-3W W.T 3 WAY SWITCH	125/250V	10A	
B1212608	2SM W.T RESIN PUSH BUTTON SWITCH	125/250V	1/0.5A	793069
B1212611	1MR-L WT SWITCH WITH PILOT LAMP	125/250V	10/5A	
B1212612	2RM-L W.T. ROTARTY SWITCH WITH LAMP 2P	250V	20A	

## SANSHIN W.T JOINT BOX IP56



BH Code	Type	IMPA Code
B1311001	1N-PB 4P 500V 20A	
B1311005	2N-PB 4P 500V 20A	794833

## SANSHIN PROTECTION BOX



BH Code	Type	IMPA Code
B1330001	NS-1 275x175x174mm BROWN	
B1330002	NS-2 275x270x174mm BROWN	
B1330003	SENPAKU TYPE 1 270x175x174mm GREY	
B1330004	SENPAKU TYPE 2 270x275x174mm GREY	
B1330005	SANSHIN WP-1 331.5x176x219mm GREY	
B1330006	SANSHIN WP-2 331.5x325x219mm GREY	

## SANSHIN PLUG INTERIOR



BH Code	Type	IMPA Code
D5602821	P-11 3P	792821
D5602822	P-21 4P	792822

## SANSHIN RECEPTACLE INTERIOR



BH Code	Type	IMPA Code
D5602823	R-11 3P	792823
D5602824	R-21 4P	792824

## SANSHIN SWITCH INTERIOR



BH Code	Type	IMPA Code
D5602825	S-111	792825

# WISKA

## WISKA VARITAIN COMPACT REEFER SOCKET



BH Code	Type	IMPA Code
B3080101	1 GANG 440V 32A 3H	
B3080102	2 GANG 440V 3H 32A	
B3080104	4 GANG 440V 3H 32A	
B3080202	2 GANG 230V 32A 9H 3P+E	

## WISKA VARITAIN CEE SOCKET/PLUG



BH Code	Type	IMPA Code
B3081160	16/ST CEE BRASS PLUG 3P+E 500V 16A	
B3081161	16/0/L CEE BRASS SOCKET 3P+E 500V 16A	
B3081320	32/ST CEE BRASS PLUG 4 PIN 500V 32A 3H	
B3081321	32/L REEFER INTERLOCKED SOCKET 500V 32A-3h	
B3081325	REFER SWITCH KNOB 32A	
B3081326	BRASS RING M58	
B3081329	REFER SOCKET BRASS COVER	
B3114428	BRASS RING R1 3/8"	

## WISKA PLUG/SWITCH/SOCKET INTERIOR



BH Code	Type	IMPA Code
B3081370	137/32 CEE 32A 4P PLUG INTERIOR 500V 32A	
B3081380	138/32 CEE 4PIN 32A SOCKET INTERIOR 500V 32A	
B3081832	1832 CEE SWITCH INTERIOR 500V 32A	
B3111370	137/250V PLUG INTERIOR	792891
B3111380	138/250V SOCKET INTERIOR	792892
B3111842	1842 SWITCH INTERIOR	792893

## WISKA BRASS W.T SWITCH IP56



BH Code	Type	IMPA Code
B3113320	1133/2/P 2 POLE 250V 10A O=	
B3113330	1133/3/P 2 POLE 250V 10A =O--	
B3113321	1133/2/We 1 POLE 2 WAY 250V 10A	
B3113820	1138/P WITH LIGHT 250V 10A	
B3117200	720/2/AR PUSH BUTTON SWITCH 230V 16A	

## WISKA W.T SOCKET IP56



BH Code	Type	IMPA Code
B3114120	1141/2 250V 16A	
B3114121	1141/2/R 250V 16A	
B3114320	1143/2 2 OUTLETS 250V 16A	

## WISKA W.T PLUG & CONNECTOR IP56



BH Code	Type	IMPA Code
B3113900	1139/FS WT RESIN 3 PIN PLUG 250V 16A	792881
B3114200	1142/FS HNA PLASTIC PLUG 250V 16A	
B3114210	1142/MS BRASS PLUG 250V 16A	792886
B3114250	1142/V/MS PLUG WITH INTERLOCK 250V 16A	
B3114500	1145/FS HNA PLASTIC CONNECTOR 250V 16A	
B3117117	117 CONCENTRIC PLUG PLASTIC DC50V 10A	
B3117122	122 CONCENTRIC COUPLING PLASTIC AC50V 10A	
B3117110	110 CONCENTRIC SOCKET OUTLET DC50V 10A	

## WISKA W.T SWITCH SOCKET IP56



BH Code	Type	IMPA Code
B3114420	1144/2/P 250V 10A =O	792887
B3114421	1144/2/R/P 250V 10A =O=	
B3114422	1144/D/P 250V 10A -O-	
B3114620	1146/P WT BRASS SOCKET 2 OUTLETS WITH SWITCH 250V 10A	

## WISKA W.T JUNCTION BOX IP56



BH Code	Type	IMPA Code
B3115000	1150 500V 16A O=	794831
B3115100	1151 500V 16A -O-	
B3115200	1152 (T) 500V 16A	
B3115300	1153 (+) 500V 16A	

BH Code	Type	IMPA Code
B3115400	1154 500V 16A =O-	
B3115500	1155 500V 16A =O=	794832
B3115600	1156 500V 16A =O-	

## Techno

### TECHNO TEEBOX/ TEEPLUG



BH Code	Type	IMPA Code
D7391121	THB.391.A2A MINI-CONNECTOR LINEAR 2P SCREW D7-12 IP68	
D7391131	THB.391.A3A MINI CONNECTOR LINEAR 3P SCREW D7-12 IP68	
D7392141	THB.392.A4A MINI-DISTRIBUTOR 4WAYS 4P SCREW D7-12 IP68	
IGT00104033	4-WAYS JOINT BOX C/W 2x 3P TERMINAL IP68	
IGT00103033	3-WAYS JOINT BOX IP68 C/W 3+3 COMPACT CURRENT DISTRIBUTOR IP68	
IGT00238721	THB.387 MINI-CONNECTOR SET 2P IP68	
D7387121	THB.387.A2A MINI-CONNECTOR PLUG 2P SCREW D7-12 IP68	
D7387221	THB.387.B2A MINI-CONNECTOR SOCKET 2P SCREW D7-12 IP68	
IGT00238731	THB.387 MINI-CONNECTOR SET 3P IP68	
D7387131	THB.387.A3A MINI-CONNECTOR PLUG 3P SCREW D7-12 IP68	
D7387231	THB.387.B3A MINI-CONNECTOR SOCKET 3P SCREW D7-12 IP68	

## Switches

### SNAP SWITCH



BH Code	Type	IMPA Code
D5010021	S-21A 2P 15A	
D5010116	S-116 2P2T	793007
D5010211	S-211 1P1T	793008
D5010331	S-331 2P1T	793009
D5011114	S-114 2P1T	793006

### KNIFE SWITCH



BH Code	Type	No. of Pole	Current/Watts	IMPA Code
D5022030	ON-OFF	2	30A	793103
D5022060	ON-OFF	2	60A	793104
D5022100	ON-OFF	2	100A	793105
D5022150	ON-OFF	2	150A	
D5022200	ON-OFF	2	200A	
D5022300	ON-OFF	2	300A	
D5023030	ON-OFF	3	30A	793108
D5032030	ON-OFF-ON	2	30A	793101
D5032060	ON-OFF-ON	2	60A	793102

BH Code	Type	No. of Pole	Current/Watts	IMPA Code
D5032100	ON-OFF-ON	2	100A	
D5033030	ON-OFF-ON	3	30A	793106
D5033060	ON-OFF-ON	3	60A	793107
D5033100	ON-OFF-ON	3	100A	



BH Code	Type	IMPA Code
D4232048	2048 125V 15A 2 PIN TRIPLE SOCKET	792978
D4232043	2043 125V 15A 2 PIN Q'PLE SOCKET	792979
D4233069	3068 2 FLAT PIN PLUG W/3WAY RECEPTACLE	792981
D4233418	3418 250V 10A SWITCH	

### HOIST PUSH BUTTON SWITCH



BH Code	Type	IMPA Code
D5040061	2 BUTTONS	793087
D5040062	4 BUTTONS	
D5040063	6 BUTTONS	793088

### LIMIT SWITCH



BH Code	Type	No. of Contact (NO)	No. of Contact (NC)	IP Rating	IMPA Code
D5102361	PLUNGER	1	1	IP67	
D5104220	ROLLER LEVER L	0	1	IP65	
D5104221	ROLLER LEVER L	1	0	IP65	
D5104223	ROLLER LEVER D	0	1	IP65	
D5104228	PLUNGER S	1	0	IP65	
D5104410	ROLLER LEVER D	1	1	IP65	
D5120010	LWIO-ABE 600V 10A	1	1	IP66	
D5120110	LWZO-110E CRANE 1A1B	1	1	IP66	
D5140002	ROLLER CRANK	1	1	IP65	
D5140012	ADJUSTABLE ROLLER CRANK	1	1	IP65	

### EUROPEAN WIRING ACCESSORIES



BH Code	Type	IMPA Code
D4258637	SCHUKO 2P+E PVC PLUG MALE	792921
D4258641	SCHUKO 2P+E PVC CONNECTOR FEMALE	
D4279611	SCHUKO 2P+E RUBBER PLUG MALE	
D4279622	SCHUKO 2P+E RUBBER CONNECTOR FEMALE	



BH Code	Type	IMPA Code
D4258638	SCHUKO PLUG 2P+E WITH SWITCH	
D4258632	632 2P+E 90DEG. PLUG	
D4279559	SCHUKO RUBBER DISTRIBUTION PLUG	



BH Code	Type	IMPA Code
D4280100	100 ADAPTOR AMERICAN TO EUROPEAN	
D4280146	146 ADAPTOR UK 13A TO EUROPEAN	
D4280671	671 2 PIN DISTRIBUTION PLUG	



### COOKER SWITCH



BH Code	Type	IMPA Code
D5324232	SANWA CHURI 25A	
D5327232	ELECTROLUX 25A	
D5334232	FUJIMAK 25A	

BH Code	Type	IMPA Code
D5602961	ADAPTOR 2 FLAT PIN TO 2 ROUND PIN	792961
D5602962	ADAPTOR 2 ROUND PIN TO 2 FLAT PIN	792962
D5602930	2 ROUND PIN DISTRIBUTION PLUG	792930



BH Code	Type	IMPA Code
D4270701	70701 2P+E FLUSH SOCKET	
D4270721	70721 2P+E FLUSH DOUBLE SOCKET	



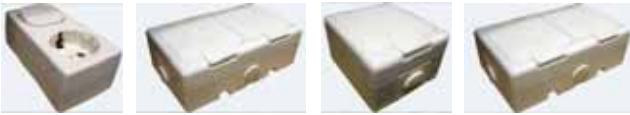
BH Code	Type	IMPA Code
D4273701	73701 2P+E SOCKET SINGLE	792922
D4273721	73721 2P+E SOCKET DOUBLE	792923
D4273731	73731 2P+E SOCKET TRIPLE	
D4273101	73101 250V 10A 1 POLE SWITCH	
D4273021	73021 250V 10A 2 POLE SWITCH	

## Wiring Accessories

### AMERICAN WIRING ACCESSORIES



BH Code	Type	IMPA Code
D4233021	3021 125V 15A 2 PIN PLUG	792951
D4233060	3060 125V 15A 2 PIN CONNECTOR	
D4233618	3618 125V 15A 2 FLAT PIN SOCKET	792952/792976
D4232047	2047 125V 15A 2 PIN DOUBLE SOCKET	792977



BH Code	Type	IMPA Code
D4273600	SCHUKO 2P+E SOCKET W/SWITCH	
D4273605	SCHUKO 2P+E SOCKET W/SWITCH IP44	
D4273608	SCHUKO 2P+E SOCKET SINGLE IP44	
D4273610	SCHUKO 2P+E SOCKET DOUBLE IP44	

## Extension Cable Reels/Sockets

### SCHUKO EXTENSION CABLE REEL



BH Code	Type	IMPA Code
D4257530	20M	794395
D4257531	30M	794396
D4257532	50M	794397

### JIS/UL EXTENSION CABLE REEL



BH Code	Type	IMPA Code
D4257534	20M	794391
D4257535	30M	794392
D4257536	50M	794393

### SCHUKO EXTENSION SOCKET



BH Code	Type	IMPA Code
D4257540	SCHUKO EXTENSION SOCKET 3 GANG	
D4257541	SCHUKO EXTENSION SOCKET 4 GANG (SQUARE)	



BH Code	Type	IMPA Code
D4257542	SCHUKO EXTENSION SOCKET WITH SWITCH 4 GANG	
D4257543	SCHUKO EXTENSION SOCKET WITH SWITCH 6 GANG	



BH Code	Type	IMPA Code
D4273620	UL 6 WAY EXTENSION SOCKET WITH SWITCH	
D4273630	AUSTRALIA 6 WAY EXTENSION SOCKET WITH SWITCH	

## Distribution Boxes

### RUBBER DISTRIBUTION BOX IP44



BH Code	Type	IMPA Code
D4279800	8800 - 140 X 180 X 100mm	
D4279840	8840 - 230 X 230 X 125mm	
D4279850	8850 - 320 X 230 X 125mm	
D4279860	8860 - 350 X 280 X 155mm	
D4279890	1500 - 345 X 95 X 48mm	
D4279893	3000 - 235 X 235 X 105mm	

## Wonpro

### WONPRO UNIVERSAL SOCKET



BH Code	Type	IMPA Code
D4289001	WF-2.R4 UNIVERSAL SOCKET FLUSH 2 GANG	
D4289002	WF-2.CBS.R4T UNIVERSAL SOCKET WITH SWITCH	
D4289003	WF-7II.CBS.R4 SURFACE TYPE UNIVERSAL SOCKET WITH SWITCH	

### WONPRO ADAPTOR



BH Code	Type	IMPA Code
D4289005	WA-5 ADAPTOR U-II	
D4289006	WA-6 ADAPTOR 2 FLAT	
D4289007	WA-7 ADAPTOR 13A	
D4289008	WA-9A ADAPTOR 2 ROUND	
D4289009	WA-9 ADAPTOR 2P+E DIN	
D4289010	WA-16 ADAPTOR AUSTRALIA	



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**LittleFlex®**  
Fastening & Bundling Solutions  
For Extreme Conditions in Electrical & Cable Management and General Fastening

## Cable Glands

### BRASS CABLE GLAND



BH Code	Type	Cable Range	IMPA Code
E1001007	PG-7	6 - 8mm	
E1001009	PG-9	8 - 10mm	
E1001011	PG-11	10 - 12mm	
E1001013	PG-13.5	12 - 14mm	
E1001016	PG-16	14 - 16mm	
E1001021	PG-21	19 - 21mm	
E1001029	PG-29	26 - 28mm	
E1001036	PG-36	33 - 35mm	
E1001042	PG-42	39 - 41mm	
E1001048	PG-48	43 - 45mm	

BH Code	Type	IMPA Code
E1003013	PG-13.5	
E1003016	PG-16	
E1003021	PG-21	
E1003029	PG-29	
E1003036	PG-36	
E1003042	PG-42	
E1003048	PG-48	
E1003081	1/2" NPT	
E1003082	3/4" NPT	
E1003083	1" NPT	
E1003084	1-1/4" NPT	
E1003085	1-1/2" NPT	
E1003086	2" NPT	

### BRASS CABLE GLAND 18mm THREAD



BH Code	Type	Cable Range	IMPA Code
E1001109	PG-9	8 - 10mm	
E1001111	PG-11	10 - 12mm	
E1001113	PG-13.5	12 - 14mm	
E1001116	PG-16	14 - 16mm	
E1001121	PG-21	19 - 21mm	
E1001129	PG-29	26 - 28mm	
E1001136	PG-36	33 - 35mm	
E1001142	PG-42	39 - 41mm	



### POLYAMIDE GLAND IP68

BH Code	Type	Cable Range	IMPA Code
E1004007	PG-7	3 - 6.5mm	
E1004009	PG-9	4 - 8mm	
E1004011	PG-11	5 - 10mm	
E1004013	PG-13.5	6 - 12mm	
E1004016	PG-16	10 - 14mm	
E1004021	PG-21	13 - 18mm	
E1004029	PG-29	18 - 25mm	
E1004036	PG-36	22 - 32mm	
E1004042	PG-42	30 - 38mm	
E1004048	PG-48	34 - 44mm	

### KAPKON-NL BRASS CABLE GLAND IP68



BH Code	Type	Cable Range	IMPA Code
E1002007	PG-7	3 - 6.5mm	
E1002009	PG-9	4 - 8mm	
E1002011	PG-11	5 - 10mm	
E1002013	PG-13.5	6 - 12mm	
E1002016	PG-16	10 - 14mm	
E1002021	PG-21	13 - 18mm	
E1002029	PG-29	18 - 25mm	
E1002036	PG-36	22 - 32mm	
E1002042	PG-42	30 - 38mm	
E1002048	PG-48	34 - 44mm	

### POLYAMIDE LOCK NUT



BH Code	Type	IMPA Code
E1004107	PG-7	
E1004109	PG-9	
E1004111	PG-11	
E1004113	PG-13.5	
E1004116	PG-16	
E1004121	PG-21	
E1004129	PG-29	
E1004136	PG-36	
E1004142	PG-42	
E1004148	PG-48	

### BRASS LOCK NUT



BH Code	Type	IMPA Code
E1003007	PG-7	
E1003009	PG-9	
E1003011	PG-11	

### WISKA SKV POLYAMIDE GLAND IP68



BH Code	Type	Cable Range	IMPA Code
E1005016	16/11 PG16	8 - 14mm	

BH Code	Type	Cable Range	IMPA Code
E1005021	21/11 PG21	10 - 18mm	
E1005029	29/12 PG29	16 - 25mm	
E1005036	36/14 PG36	22 - 32mm	
E1005042	42/14 PG42	28 - 38mm	
E1005048	48/15 PG48	36 - 44mm	

### BRASS NICKEL PLATED STOP PLUG



BH Code	Type	IMPA Code
E1006007	PG-7	
E1006009	PG-9	
E1006011	PG-11	
E1006013	PG-13.5	
E1006016	PG-16	
E1006021	PG-21	
E1006029	PG-29	
E1006036	PG-36	
E1006042	PG-42	

### PCP THREAD SEAL



BH Code	Type	IMPA Code
E1007009	PCP THREAD SEAL PG-9	
E1007011	PCP THREAD SEAL PG-11	
E1007013	PCP THREAD SEAL PG-13.5	
E1007016	PCP THREAD SEAL PG-16	
E1007021	PCP THREAD SEAL PG-21	
E1007029	PCP THREAD SEAL PG-29	
E1007036	PCP THREAD SEAL PG-36	
E1007042	PCP THREAD SEAL PG-42	
E1007048	PCP THREAD SEAL PG-48	
E1027020	20mm	
E1027025	25mm	
E1027032	32mm	
E1027040	40mm	
E1027050	50mm	
E1027063	63mm	
E1027075	75mm	

### KAPKON-NL BRASS NICKEL PLATED GLAND IP68



BH Code	Type	Cable Range	IMPA Code
E1010012	M12 X 1.5	3 - 7mm	
E1010016	M16 X 1.5	6 - 9mm	
E1010020	M20 X 1.5	8 - 12mm	
E1010025	M25 X 1.5	11 - 17mm	
E1010032	M32 X 1.5	16 - 21mm	
E1010040	M40 X 1.5	19 - 28mm	
E1010050	M50 X 1.5	26 - 35mm	
E1010063	M63 X 1.5	32 - 47mm	

### BRASS NICKEL PLATED LOCKNUT



BH Code	Type	IMPA Code
E1011012	M12 X 1.5	
E1011016	M16 X 1.5	
E1011020	M20 X 1.5	
E1011025	M25 X 1.5	
E1011032	M32 X 1.5	
E1011040	M40 X 1.5	
E1011050	M50 X 1.5	
E1011063	M63 X 1.5	

### POLYAMIDE GLAND IP68



BH Code	Type	Cable Range	IMPA Code
<b>GREY</b>			
E1012012	M12 X 1.5	3 - 6.5mm	
E1012016	M16 X 1.5	5 - 10mm	
E1012020	M20 X 1.5	6 - 12mm	
E1012025	M25 X 1.5	10 - 14mm	
E1012032	M32 X 1.5	13 - 18mm	
E1012040	M40 X 1.5	18 - 25mm	
E1012050	M50 X 1.5	30 - 38mm	
E1012063	M63 X 1.5	34 - 44mm	
<b>BLACK</b>			
E1012112	M12 X 1.5	3 - 6.5mm	
E1012116	M16 X 1.5	5 - 10mm	
E1012120	M20 X 1.5	6 - 12mm	
E1012125	M25 X 1.5	10 - 14mm	
E1012132	M32 X 1.5	13 - 18mm	
E1012140	M40 X 1.5	18 - 25mm	
E1012150	M50 X 1.5	30 - 38mm	
E1012163	M63 X 1.5	34 - 44mm	

### WISKA ESKV-L POLYAMIDE GLAND GREY IP68



BH Code	Type	Cable Range	IMPA Code
E1012212	M12 X 1.5	3 - 7mm	
E1012216	M16 X 1.5	4.5 - 10mm	
E1012220	M20 X 1.5	6 - 13mm	
E1012225	M25 X 1.5	9 - 17mm	
E1012232	M32 X 1.5	13 - 21mm	
E1012240	M40 X 1.5	16 - 28mm	
E1012250	M50 X 1.5	21 - 35mm	
E1012263	M63 X 1.5	34 - 48mm	

## POLYAMIDE LOCKNUT & STOP PLUG



BH Code	Type	IMPA Code
E1013012	M12 X 1.5	
E1013016	M16 X 1.5	
E1013020	M20 X 1.5	
E1013025	M25 X 1.5	
E1013032	M32 X 1.5	
E1013040	M40 X 1.5	
E1013050	M50 X 1.5	
E1013063	M63 X 1.5	

BH Code	Type	Cable Range	IMPA Code
E1001121	PG-21	19 - 21mm	
E1001129	PG-29	26 - 28mm	
E1001136	PG-36	33 - 35mm	
E1001142	PG-42	39 - 41mm	

## BRASS NICKEL PLATED ARMoured CABLE GLAND



BH Code	Type	Cable Range (ID)	Cable Range (OD)	IMPA Code
E1023200	E1W-20SS	3 - 8.5mm	10.8 - 13.8mm	
E1023201	E1W-20S	8 - 11.8mm	12.9 - 15.7mm	
E1023202	E1W-20L	11 - 13.8mm	15.5 - 20.8mm	
E1023251	E1W-25S	11.5 - 16.5mm	16 - 23.5mm	
E1023252	E1W-25L	13 - 19.8mm	20.3 - 27.5mm	
E1023321	E1W-32S	15 - 23.5mm	23 - 30mm	
E1023322	E1W-32L	19 - 26.4mm	26.7 - 33.5mm	
E1023401	E1W-40S	22.5 - 29mm	29 - 38mm	
E1023402	E1W-40L	25 - 32.4mm	33 - 40.9mm	
E1023501	E1W-50S	31.5 - 38mm	39.4 - 46.3mm	
E1023502	E1W-50L	36.5 - 44mm	45.7 - 52.6mm	
E1023631	E1W-63S	42.5 - 49mm	52.1 - 61.5mm	
E1023632	E1W-63L	48.5 - 55.5mm	58.4 - 65.3mm	

## BRASS NICKEL PLATED CABLE GLAND



BH Code	Type	Cable Range	IMPA Code
E1021162	A2-16L	4 - 9mm	
E1021201	A2-20S	8 - 11.5mm	
E1021202	A2-20L	10.5 - 13.8mm	
E1021251	A2-25S	13 - 16mm	
E1021252	A2-25L	16 - 19.5mm	
E1021321	A2-32S	18.5 - 23mm	
E1021322	A2-32L	22.5 - 26.5mm	
E1021401	A2-40S	25 - 29mm	
E1021402	A2-40L	28 - 32mm	
E1021501	A2-50S	30.5 - 37.5mm	
E1021502	A2-50L	37 - 44mm	
E1021631	A2-63S	42.5 - 49.5mm	
E1021632	A2-63L	48.5 - 55.5mm	
E1021751	A2-75S	54.5 - 61.5mm	
E1021752	A2-75L	60 - 66.5mm	
E1021902	A2-90L	66 - 79mm	
E1021922	A2-100L	79 - 89mm	
E1021942	A2-110L	89 - 98mm	
E1001007	PG-7	6 - 8mm	
E1001009	PG-9	8 - 10mm	
E1001011	PG-11	10 - 12mm	
E1001013	PG-13.5	12 - 14mm	
E1001016	PG-16	14 - 16mm	
E1001021	PG-21	19 - 21mm	
E1001029	PG-29	26 - 28mm	
E1001036	PG-36	33 - 35mm	
E1001042	PG-42	39 - 41mm	
E1001048	PG-48	43 - 45mm	

## BRASS STOP PLUG



BH Code	Type	IMPA Code
E1026012	M12 X 1.5	
E1026016	M16 X 1.5	
E1026020	M20 X 1.5	
E1026025	M25 X 1.5	
E1026032	M32 X 1.5	
E1026040	M40 X 1.5	
E1026050	M50 X 1.5	
E1026063	M63 X 1.5	

## BRASS EARTH TAG



BH Code	Type	IMPA Code
E1028020	M20	
E1028025	M25	
E1028032	M32	
E1028040	M40	
E1028050	M50	
E1028063	M63	
E1028075	M75	
E1028090	M90	
E1028100	M100	
E1028110	M110	

## BRASS NICKEL PLATED CABLE GLAND 18mm THREAD



BH Code	Type	Cable Range	IMPA Code
E1001109	PG-9	8 - 10mm	
E1001111	PG-11	10 - 12mm	
E1001113	PG-13.5	12 - 14mm	
E1001116	PG-16	14 - 16mm	

## PVC SHROUD



BH Code	Type	IMPA Code
E1028201	20mm-S	
E1028202	20mm-L	
E1028251	25mm-S	
E1028252	25mm-L	
E1028321	32mm-S	
E1028322	32mm-L	
E1028401	40mm-S	
E1028402	40mm-L	
E1028501	50mm-S	
E1028502	50mm-L	
E1028631	63mm-S	
E1028632	63mm-L	

BH Code	Type	Cable Range Ø	IMPA Code
E1032035	35 X 100	32mm	
E1032040	40 X 100	36mm	
E1032045	45 X 100	41mm	
E1032050	50 X 100	45.5mm	
E1032055	55 X 100	52mm	
E1032060	60 X 100	57.5mm	
E1033015	15 X 200	12mm	
E1033020	20 X 200	17mm	
E1033025	25 X 200	22mm	
E1033030	30 X 200	26.5mm	
E1033035	35 X 200	32mm	
E1033040	40 X 200	36mm	
E1033045	45 X 200	41mm	
E1034020	20 X 300	17mm	
E1034025	25 X 300	22mm	
E1034030	30 X 300	26.5mm	
E1034035	35 X 300	32mm	
E1034040	40 X 300	36mm	
E1034045	45 X 300	41mm	

## JIS BOX GLAND BRASS NICKEL PLATED



BH Code	Type	Cable Range	IMPA Code
E1031010	10mm	3 - 7mm	794811
E1031015	15mm	4.5 - 10mm	794812
E1031020	20mm	9 - 15mm	794813
E1031025	25mm	13 - 20mm	794814
E1031030	30mm	18 - 26mm	794815
E1031035	35mm	20 - 30mm	794816
E1031040	40mm	25 - 33mm	794817
E1031045	45mm	28 - 40mm	794818
E1031050	50mm	39 - 44mm	794819
E1031055	55mm	43 - 50mm	794820
E1031060	60mm	49 - 55mm	794821

## WISKA KVM BRASS ARMoured GLAND



BH Code	Type	Cable Range	IMPA Code
E1052412	M24X1.5	10 - 12.5mm	
E1052414	M24X1.5	12 - 14.5mm	
E1052416	M24X1.5	14 - 16.5mm	
E1053018	M30X2	16 - 18.5mm	
E1053020	M30X2	18 - 20.5mm	
E1053622	M36X2	20 - 22.5mm	
E1053624	M36X2	22 - 24.5mm	
E1054528	M45X2	26 - 28.5mm	
E1054530	M45X2	28 - 30.5mm	
E1055635	M56X2	32 - 35.5mm	

## BRASS NICKEL PLATED GLAND IP68



BH Code	Type	IMPA Code
E1031115	1/2" BSP	
E1031120	3/4" BSP	
E1031125	1" BSP	

## WISKA SPRINT EMC CABLE GLAND



BH Code	Type	Cable Range	IMPA Code
E1060116	M16X1.5	4.5 - 10mm	
E1060120	M20X1.5	6 - 13mm	
E1060125	M25X1.5	9 - 17mm	
E1060132	M32X1.5	13 - 21mm	
E1060140	M40X1.5	16 - 28mm	
E1060150	M50X1.5	21 - 35mm	
E1060163	M63X1.5	34 - 48mm	

## JIS DECK CABLE GLAND



BH Code	Type	Cable Range Ø	IMPA Code
E1032010	10 X 100	9mm	
E1032015	15 X 100	12mm	
E1032020	20 X 100	17mm	
E1032025	25 X 100	22mm	
E1032030	30 X 100	26.5mm	

## WISKA EMC LOCKNUT



BH Code	Type	IMPA Code
E1060216	M16X1.5	
E1060220	M20X1.5	

BH Code	Type	IMPA Code
E1060225	M25X1.5	
E1060232	M32X1.5	
E1060240	M40X1.5	
E1060250	M50X1.5	
E1060263	M63X1.5	

### GEWISS SHOCKPROOF POLYMER CABLE GLAND - GREY RAL 7035 IP66



BH Code	Type	Cable Range	IMPA Code
D4052001	PG7	3.0 - 6.0mm	
D4052002	PG9	5.0 - 8.0mm	
D4052003	PG11	7.0 - 10.5mm	
D4052004	PG13	9.0 - 12.5mm	
D4052005	PG16	13 - 16mm	
D4052006	PG21	17 - 20mm	
D4052007	PG29	21 - 26mm	
D4052008	PG36	30 - 34mm	
D4052009	PG42	40 - 43mm	
D4052010	PG48	46 - 50mm	

### BRASS NICKEL PLATED REDUCER



BH Code	Type	IMPA Code
E1070907	PG9 - PG7	
E1071109	PG11 - PG9	
E1071311	PG13.5 - PG11	
E1071609	PG16 - PG9	
E1071611	PG16 - PG11	
E1071613	PG16 - PG13.5	
E1072113	PG21 - PG13.5	
E1072116	PG21 - PG16	
E1072921	PG29 - PG21	
E1073629	PG36 - PG29	
E1074236	PG42 - PG36	

### CCG CW W.T BRASS NICKEL PLATED GLAND

- Captive Cone Gland



BH Code	Size	Cable Range	IMPA Code
C4051100	SIZE 00 M20ss	8.0 - 13.5mm	
C4051200	SIZE 0 M20s	11.5 - 16mm	
C4051201	SIZE 1 M20	14.5 - 21mm	
C4051202	SIZE M25	20.5 - 27mm	
C4051203	SIZE 3 M32	26.5 - 33.5mm	
C4051204	SIZE 4 M40	33 - 43mm	
C4051205	SIZE 5 M50	42.5 - 52.5mm	
C4051206	SIZE 6 M63	52 - 65.5mm	
C4051207	SIZE 7 M75	65 - 78mm	
C4051208	SIZE 8 M80	77.5 - 82mm	

### BRASS NICKEL PLATED ENLARGER



BH Code	Type	IMPA Code
E1080911	PG9 - PG11	
E1081113	PG11 - PG13.5	
E1081116	PG11 - PG16	
E1081316	PG13.5 - PG16	
E1081321	PG13.5 - PG21	
E1081621	PG16 - PG21	
E1082129	PG21 - PG29	
E1082936	PG29 - PG36	

### CCG CX/CZ BRASS NICKEL PLATED GLAND

- Captive Cone Gland



BH Code	Size	Cable Range	IMPA Code
C4051299	SIZE 00 M20ss	5.0 - 10mm	
C4051300	SIZE 0 M20s	9.5 - 12.5mm	
C4051301	SIZE 1 M20	12 - 17.5mm	
C4051302	SIZE M25	17 - 24mm	
C4051303	SIZE 3 M32	23 - 30.5mm	
C4051304	SIZE 4 M40	28.5 - 36mm	
C4051305	SIZE 5 M50	35.5 - 48.5mm	
C4051306	SIZE 6 M63	47 - 61.5mm	
C4051307	SIZE 7 M75	60 - 75mm	
C4051308	SIZE 8 M80	72.05 - 78mm	
C4051309	SIZE 9 00 M90	78 - 86mm	

### WISKA POLYAMIDE REDUCER GREY



BH Code	Type	IMPA Code
E1112012	M20 - M12	
E1112016	M20 - M16	
E1112520	M25 - M20	
E1113220	M32 - M20	
E1113225	M32 - M25	
E1114025	M40 - M25	
E1114032	M40 - M32	

### CCG A2 W.T BRASS NICKEL PLATED GLAND

- Compression Gland for Flexible Cable



BH Code	Size	Cable Range	IMPA Code
C4053400	SIZE 00 M20ss	3.0 - 8.0mm	

BH Code	Size	Cable Range	IMPA Code
C4053500	SIZE 0 M20s	7.0 - 11mm	
C4053501	SIZE 1 M20	11 - 15.5mm	
C4053502	SIZE 2 M25	15 - 20.5mm	
C4053503	SIZE 3 M32	20 - 26.5mm	
C4053504	SIZE 4 M40	26 - 34.5mm	
C4053505	SIZE 5 M50	34 - 44.5mm	
C4053506	SIZE 6 M63	44 - 57mm	



**LOW, SCREWED COVER - IP56**

D4044204	100 X 100 X 50mm
D4044205	120 X 80 X 50mm
D4044206	150 X 110 X 70mm
D4044207	190 X 140 X 70mm
D4044208	240 X 190 X 90mm
D4044209	300 X 220 X 120mm
D4044210	380 X 300 X 120mm
D4044211	460 X 380 X 120mm

## Junction Boxes/Enclosures

**GEWISS SURFACE MOUNTING DISTRIBUTION BOARD - GREY RAL 7035**



**BH Code**    **Type**

**SMOKED TRANSPARENT DOOR - WALLS WITH PERFORATION CENTRES IP55**

D4040001	4 WAYS
D4040003	8 WAYS
D4040011	54 WAYS

**SMOKED TRANSPARENT DOOR - SMOOTH WALLS IP65**

D4040102	8 WAYS
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**NEUTRAL LINK**

D4040401	8 WAYS
D4040402	12 WAYS
D4040404	18 WAYS



**HIGH, SCREWED COVER - IP56**

D4044214	100 X 100 X 120mm
D4044215	120 X 80 X 120mm
D4044216	150 X 110 X 140mm
D4044217	190 X 140 X 140mm
D4044218	240 X 190 X 160mm
D4044219	300 X 220 X 180mm
D4044220	380 X 300 X 180mm
D4044221	460 X 380 X 180mm



**BH Code**    **Type**

**TRANSPARENT PLAIN LID - IP56**

D4044426	150 X 110 X 70mm
D4044428	240 X 190 X 90mm
D4044429	300 X 220 X 120mm
D4044430	380 X 300 X 120mm



**TRANSPARENT DEEP LID - IP56**

D4044437	190 X 140 X 140mm
D4044439	300 X 220 X 180mm
D4044440	380 X 300 X 180mm



**MOUNTING PLATE**

D4044615	190 X 140
D4044616	240 X 190
D4044617	300 X 220
D4044618	380 X 300
D4044619	460 X 380

**GEWISS PVC SURFACE MOUNTING W.T JUNCTION BOX - GREY RAL 7035**



**BH Code**    **Type**

**PLAIN PRESS ON LID IP44**

D4044002	∅ 80 X 40
D4044003	80 X 80 X 40mm



**PLAIN QUICK FIXING LID & SCREW ON LID IP55**

D4044004	100 X 100 X 50mm
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**PLAIN SCREWED LID- IP56**

D4044404	100 X 100 X 50mm
D4044405	120 X 80 X 50mm
D4044406	150 X 110 X 70mm
D4044407	190 X 140 X 70mm
D4044408	240 X 190 X 90mm
D4044409	300 X 220 X 120mm
D4044410	380 X 300 X 120mm
D4044411	460 X 380 X 120mm

## GEWISS W.T DISTRIBUTION BOARD IN POLYESTER - GREY RAL 7035



BH Code	Type	IMPA Code
<b>BLANK DOOR FITTED WITH LOCK</b>		
D4046001	H300 X W250 X D160mm	
D4046002	H425 X W310 X D160mm	
D4046003	H500 X W405 X D200mm	
D4046004	H650 X W405 X D200mm	
D4046005	H650 X W515 X D250mm	
D4046006	H800 X W585 X D300mm	
<b>DOOR FITTED WITH WINDOW AND LOCK</b>		
D4046201	H300 X W250 X D160mm	
D4046202	H425 X W310 X D160mm	
D4046203	H500 X W405 X D200mm	
<b>MOUNTING PLATE STEEL BACK MOUNT PLATE BOARD</b>		
D4046401	300 X 250mm	
D4046402	425 X 310mm	
D4046403	500 X 405mm	
D4046404	405 X 650mm	
D4046405	650 X 515mm	
D4046406	800 X 585mm	
D4046409	425 X 310mm INSULATED BACK MOUNTING PLATE	
D4046414	425 X 310mm POLYESTER HINGED INNER DOOR	
D4046415	500 X 405mm POLYESTER HINGED INNER DOOR	

## GEWISS DIE CAST ALUMINIUM JUNCTION BOX IP66



BH Code	Type	IMPA Code
D4076261	91 X 91 X 54mm	
D4076262	128 X 103 X 57mm	
D4076263	155 X 130 X 58mm	
D4076264	178 X 156 X 75mm	
D4076265	239 X 202 X 85mm	
D4076266	294 X 244 X 114mm	
D4076267	392 X 298 X 144mm	

## WISKA JUNCTION BOX



BH Code	Type	No of Terminal	IMPA Code
E1120108	108/5 76X76X51mm IP66	5 X 4mm2	
E1120207	207/5 89X89X44mm	5 X 4mm2	
E1120308	308/5(M20)85X85X51mm IP66	5 X 4mm2	
E1120309	308/5(PG16)85X85X51mm IP66	5 X 4mm2	
E1120407	407/5 95X95X51mm IP66/67		
E1120607	607/5 110X110X57mm IP66/67	5 X 6mm2	
E1121010	1010/5 140X140X72mm IP66	5 X 10mm2	

## ABOX-I BOX IP65



BH Code	Type	IMPA Code
E1140025	80x80X52mm	
E1140040	93X93X55mm	
E1140060	110X110X67mm	
E1140100	140X140X79mm	
E1140160	180X180X91mm	
E1140350	250X250X115mm	

## TK POLYCARBONATE BOX IP66



BH Code	Type	IMPA Code
E1160002	65X65X57mm	
E1160004	94X94X57mm	
E1160006	94X65X57mm	
E1160008	94X65X81mm	
E1160010	110X110X66mm	
E1160012	110X110X90mm	
E1160014	130X94X81mm	
E1160016	130X130X75mm	
E1160018	130X130X99mm	
E1160020	180X94X81mm	
E1160022	180X94X81mm CLEAR LID	
E1160024	180X110X90mm	
E1160026	180X110X90mm CLEAR LID	
E1160028	254X180X111mm	
E1160030	254X180X111mm CLEAR LID	
E1160032	182X180X111mm	
E1160034	254X180X215mm	

## ALUMINIUM ENCLOSURE IP65



BH Code	Type	IMPA Code
E1180002	100X100X80mm	
E1180004	120X120X80mm	
E1180006	220X120X80mm	
E1180008	160X160X90mm	
E1180010	260X160X90mm	
E1180012	360X160X90mm	
E1180016	200X230X110mm	

## RITTAL STEEL ENCLOSURE IP66



BH Code	Type	IMPA Code
E1201030	300X380X155mm	
E1201031	300X380X210mm	



BH Code	Type	IMPA Code
E1201032	300X200X120mm	
E1201033	300X300X210mm	
E1201034	400X300X210mm	
E1201035	300X200X155mm	
E1201038	600X380X210mm	
E1201039	380X600X210mm	
E1201045	500X400X210mm	
E1201050	500X500X210mm	
E1201057	700X500X250mm	
E1201058	800X600X250mm	
E1201060	600X600X210mm	
E1201073	760X760X300mm	
E1201076	760X600X210mm	
E1201077	760X760X210mm	
E1201090	1000X600X250mm	
E1201100	760X1000X210mm	
E1201110	1000X1000X300mm	
E1201114	1400X1000X300mm	
E1201130	760X1000X300mm	
E1201180	1000X800X300mm	
E1201213	1200X1000X300mm	
E1201260	1200X600X300mm	
E1201280	1200X800X300mm	
E1201338	600X380X350mm	
E1201339	380X600X350mm	
E1201350	500X500X300mm	
E1201360	600X600X350mm	
E1201376	760X600X350mm	
E1201380	380X380X210mm	

## ACCESSORIES FOR ENCLOSURE



BH Code	Type	IMPA Code
E1222433	S/STEEL WALL BRACKET(PKT OF 4)	
E1222503	SZ2503.000 WALL BRACKET	
E1222508	SZ2508.000 WALL BRACKET(PKT OF 4)	
E1222531	SZ2531.000 DOUBLE BIT KEY NO. 5	
E1222541	SZ2541.200 LOUVRE	
E1222549	SZ2549.000 UNIVERSAL KEY SET	
E1222576	SZ2576.000 LOCK HANDLE	

## STEEL ENCLOSURE IP66



BH Code	Type	IMPA Code
E1230002	200X200X150MM	
E1230004	250X200X150MM	
E1230006	300X200X150MM	
E1230008	300X250X150MM	
E1230010	300X250X200MM	
E1230012	300X300X150MM	
E1230014	300X300X200MM	
E1230016	300X400X200MM	
E1230018	300X400X150MM	
E1230020	400X300X150MM	
E1230022	400X300X200MM	
E1230024	400X400X200MM	
E1230026	400X400X250MM	
E1230028	400X600X200MM	
E1230030	500X400X200MM	
E1230032	500X400X250MM	
E1230034	500X500X250MM	
E1230036	600X400X200MM	
E1230038	600X400X250MM	
E1230040	600X500X200MM	
E1230042	600X500X250MM	
E1230044	600X600X200MM	
E1230046	600X600X250MM	
E1230048	600X600X300MM	
E1230050	700X500X250MM	
E1230052	800X600X200MM	
E1230054	800X600X250MM	
E1230056	800X600X300MM	
E1230058	800X800X300MM	
E1230060	1000X600X300MM	
E1230062	1000X600X400MM	
E1230064	1000X800X250MM	
E1230066	1000X800X300MM	
E1230068	1000X1000X300MM	
E1230070	1200X800X300MM	
E1230072	1200X1000X300MM	
E1230074	1200X1000X300MM(DOUBLE DOOR)	
E1230076	1400X1000X300MM	

## RITTAL SUS ENCLOSURE IP66



BH Code	Type	IMPA Code
E1211002	300X200X155mm	
E1211004	300X380X155mm	
E1211005	380X300X210mm	
E1211006	380X380X210mm	
E1211007	500X500X210mm	
E1211008	600X380X210mm	
E1211009	380X600X210mm	
E1211010	600X600X210mm	
E1211012	760X600X210mm	
E1211013	500X500X300mm	
E1211014	760X760X300mm	
E1211016	1000X800X300mm	
E1211017	1200X800X300mm	
E1211018	1000X1000X300mm	
E1211019	1200X1000X300mm	

## Terminal Strips/Blocks/Mounting Rails

### MOLDED TERMINAL STRIP



BH Code	Type	IMPA Code
E1300005	12P 5A	
E1300010	12P 10A	794631
E1300015	12P 15A	
E1300020	12P 20A	
E1300025	12P 25A	794632
E1300035	12P 35A	794633

### PVC TERMINAL STRIP



BH Code	Type	IMPA Code
E1301003	12P 3A	
E1301005	12P 5A	
E1301010	12P 10A	794636
E1301015	12P 15A	
E1301020	12P 20A	794637
E1301025	12P 25A	794638
E1301030	12P 30A	
E1301035	12P 35A	794639
E1301050	12P 50A	794640
E1301080	12P 80A	

### TERMINAL CONNECTOR



BH Code	Type	IMPA Code
E1302102	0-2 10A	794601
E1302103	0-3 10A	794602
E1302104	0-4 10A	794603
E1302202	0-2 20A	794606
E1302203	0-3 20A	794607
E1302204	0-4 20A	794608
E1303102	S-2 10A	794611
E1303103	S-3 10A	794612
E1303104	S-4 10A	794613
E1303105	S-5 10A	794614
E1303107	S-7 10A	794615
E1303110	S-10 10A	794616
E1303120	S-12 10A	794617
E1303202	S-2 20A	794621
E1303203	S-3 20A	794622
E1303204	S-4 20A	794623
E1303205	S-5 20A	794624
E1303207	S-7 20A	794625
E1303210	S-10 20A	794626
E1303212	S-12 20A	794627

### PORCELAIN CONNECTOR



BH Code	Type	IMPA Code
E1304102	2 POLE 10A	
E1304103	3 POLE 10A	
E1304202	2 POLE 20A	
E1304203	3 POLE 20A	
E1304302	2 POLE 30A	
E1304303	3 POLE 30A	

### MOLDED TERMINAL BLOCK



BH Code	Type	IMPA Code
E1305030	3P 30A	
E1305060	3P 60A	
E1305100	3P 100A	
E1305200	3P 200A	

### ENTRELEC TERMINAL BLOCKS & ACCESSORIES



BH Code	Type	IMPA Code
<b>TERMINAL BLOCK</b>		
E1310002	MA2.5/5 2.5mm2	
E1310004	M4/6 4mm2	
E1310006	M6/8 6mm2	
E1310010	M10/10 10mm2	
E1310016	M16/12 16mm2	
E1310035	M35/16 35mm2	
E1310070	M70/22 70mm2	
E1310095	M95/26 95mm2	



#### TERMINAL BLOCK EARTH

E1310102	MA2.5/5P 2.5mm2
E1310104	M4/6P
E1310106	M6/8P
E1310110	M10/10P
E1310116	M16/12P
E1310135	M35/16P EARTH TYPE
E1315006	TERMINAL BLOCK DR4/6P EARTH



#### TERMINAL BLOCK

E1310202	MA2.5/5P 2.5mm2 BLUE-I.S.
E1310203	D2.5/6DA TRIPLE TERMINAL 2.5mm2
E1314002	MINIATURE TERMINAL DR1.5/5 1.5mm2
E1314004	MINIATURE TERMINAL DR4/6 4mm2
E1316020	FUSE TERMINAL BLOCK M4/8SF 5X20mm
E1317002	TERMINAL BLOCK MA2.5/5D2 DOUBLE 2.5mm2



### END PLATE

E1320006	FEM6
E1320012	FEM12
E1320016	FEM16
E1320022	FEM22
E1320206	FEM6 BLUE
E1325005	FEDR5
E1325006	FEDR61
E1327006	FEM6D
E1327008	FEM8S



### STOPPER

E1330002	STOPPER BAM2 (DIN RAIL)
E1330004	STOPPER BADRL



### TERMINAL LINK

E1350002	TERMINAL LINK BJM5 FOR 2.5mm2
E1350004	TERMINAL LINK BJM6 FOR 4mm2
E1350006	TERMINAL LINK BJM8 FOR 6mm2
E1350016	TERMINAL LINK BJM16
E1351006	TERMINAL LINK 10 WAY BJM62 FOR DR4/6



### CABLE MARKER

E1355010	RC510 (1-10) FOR 2.5mm2
E1355050V	RC510 (1-50) FOR 2.5mm2 (VERTICAL)
E1355051H	RC510 (1-50) FOR 2.5mm2 (HORIZONTAL)
E1355100	RC510 (1-100) FOR 2.5mm2
E1356010	RC610 (1-10) FOR 4mm2
E1356050	RC610 (1-50) FOR 4mm2
E1356100	RC610 (1-100) FOR 4mm2
E1358010	RC810 (1-10) FOR 6mm2
E1358050	RC810 (1-50) FOR 6mm2
E1358100	RC810 (1-100) FOR 6mm2



### TERMINAL BLOCK BLUE

C4902124	2002-1204 TER BLK 2.5mm2 BLUE
C4904124	2004-1204 TER BLK 4mm2 BLUE
C4906124	2006-1204TER BLK 6mm2 BLUE
C4910124	2010-1204 TER BLK 10mm2 BLUE
C4916124	2016-1204 TER BLK 16mm2 BLUE



### TERMINAL BLOCK EARTH

C4902127	2002-1207 EARTH TER BLK 2.5mm2
C4904127	2004-1207 EARTH TER BLK 4mm2
C4906127	2006-1207 EARTH TER BLK 6mm2
C4910127	2010-1207 EARTH TER BLK 10mm2
C4916127	2016-1207 EARTH TER BLK 16mm2
C4935127	285-637 EARTH TER BLK 35mm2
C4995127	285-197 EARTH TER BLK 95mm2



### END PLATE

C4902192	2002-1292 END PLATE ORANGE 2.5mm2
C4904192	2004-1292 END PLATE ORANGE 4mm2
C4906192	2006-1292 END PLATE ORANGE 6mm2
C4910192	2010-1292 END PLATE ORANGE 10mm2
C4916192	2016-1292 END PLATE ORANGE 16mm2



### JUMPER LINK

C4902410	2002-410 10 WAY JUMPER 2.5mm2
C4904410	2004-410 10 WAY JUMPER 4mm2
C4906405	2006-405 5 WAY JUMPER
C4910405	2010-405 5 WAY JUMPER 10mm2
C4916405	2016-405 5 WAY JUMPER 16mm2
C4985435	285-435 ADJACENT JUMPER 35mm2
C4985495	285-495 ADJACENT JUMPER 95mm2



### END STOPPER

C4949116	249-116 END STOPPER
C4981611	281-611 TER BLK KNIFE PIVOTED FUSE 4mm2
C4982122	282-122 TER BLK KNIFE PIVOTED FUSE 6mm2



### TERMINAL MARKER

C4993502	793-502 HORIZONTAL MARKER 1-10
C4993503	793-503 HORIZONTAL MARKER 11-20
C4993507	793-507 HORIZONTAL MARKER 51-100
C4993508	793-508 HORIZONTAL MARKER 101-150
C4993509	793-509 HORIZONTAL MARKER 151-200
C4993566	793-566 HORIZONTAL MARKER 1-50

## WAGO TERMINAL BLOCK & ACCESSORIES



BH Code	Type	IMPA Code
<b>TERMINAL BLOCK</b>		
C4902121	2002-1201 TER BLK 2.5mm2	
C4904121	2004-1201TER BLK 4mm2	
C4906121	2006-1201TER BLK 6mm2	
C4910121	2010-1201 TER BLK 10mm2	
C4916121	2016-1201 TER BLK 16mm2	
C4935121	285-635 TER BLK 35mm2	
C4995121	285-195 TER BLK 95mm2	

## TERMINAL BLOCK C/W COVER



BH Code	Type	IMPA Code
E1360013	3P 20A	
E1360020	3P 30A	
E1360030	3P 50A	
E1360060	1P 90A	
E1360100	1P 130A	
E1360200	1P 240A	
E1360411	1P 60A	

BH Code	Type	Quantity	IMPA Code
E1501015	"E"	500Pcs/Pkt	
E1501016	"F"	500Pcs/Pkt	
E1501017	"G"	500Pcs/Pkt	
E1501018	"H"	500Pcs/Pkt	
E1501019	"I"	500Pcs/Pkt	
E1501020	"J"	500Pcs/Pkt	
E1501021	"K"	500Pcs/Pkt	
E1501022	"L"	500Pcs/Pkt	
E1501023	"M"	500Pcs/Pkt	
E1501024	"N"	500Pcs/Pkt	
E1501025	"P"	500Pcs/Pkt	
E1501026	"Q"	500Pcs/Pkt	
E1501027	"R"	500Pcs/Pkt	
E1501028	"S"	500Pcs/Pkt	
E1501029	"T"	500Pcs/Pkt	
E1501030	"U"	500Pcs/Pkt	
E1501031	"V"	500Pcs/Pkt	
E1501032	"W"	500Pcs/Pkt	
E1501033	"X"	500Pcs/Pkt	
E1501034	"Y"	500Pcs/Pkt	
E1501035	"Z"	500Pcs/Pkt	
E1501038	"_"	500Pcs/Pkt	
E1501039	"/"	500Pcs/Pkt	

## MOUNTING RAIL



BH Code	Type	Size	IMPA Code
E1390005	OMEGA RAIL TS35/F6	2M LENGTH	
E1390010	OMEGA RAIL TS35/CF6	2M LENGTH	
E1390015	TS32 G MOUNTING RAIL	2M LENGTH	
E1390020	MOUNTING RAIL TS15	2M LENGTH	

## Cable Markers/Marker Strips

### MARKER STRIP



BH Code	Type	Quantity	IMPA Code
E1500065	MS-65	100Pcs/Pkt	
E1500100	MS-100	100Pcs/Pkt	
E1500135	MS-135	100Pcs/Pkt	

### EC RANGE PLAIN CUT SHAPE MARKER (0-9, A-Z, \_ , /)



BH Code	Type	Quantity	IMPA Code
E1400000	EC-0 - EC-3	100Pcs/Pkt	

## Cable Ties/Marker Straps

### FM-1 CABLE MARKER



BH Code	Type	Quantity	IMPA Code
E1501000	"0"	500Pcs/Pkt	
E1501001	"1"	500Pcs/Pkt	
E1501002	"2"	500Pcs/Pkt	
E1501003	"3"	500Pcs/Pkt	
E1501004	"4"	500Pcs/Pkt	
E1501005	"5"	500Pcs/Pkt	
E1501006	"6"	500Pcs/Pkt	
E1501007	"7"	500Pcs/Pkt	
E1501008	"8"	500Pcs/Pkt	
E1501009	"9"	500Pcs/Pkt	
E1501011	"A"	500Pcs/Pkt	
E1501012	"B"	500Pcs/Pkt	
E1501013	"C"	500Pcs/Pkt	
E1501014	"D"	500Pcs/Pkt	

### DUPONT FR, HF, UVR CABLE BAND



BH Code	Type	IMPA Code
<b>WHITE</b>		
E1511100	100 X 2.5mm (DUPONT FR, HF, UVR)	794873/79
E1512150	150 X 3.6mm (DUPONT FR, HF, UVR)	794874/80
E1512200	200 X 3.6mm (DUPONT FR, HF, UVR)	794875/85
E1513200	200 X 4.8mm (DUPONT FR, HF, UVR)	
E1514200	200 X 7.6mm (DUPONT FR, HF, UVR)	
E1513250	250 X 4.8mm (DUPONT FR, HF, UVR)	794876/86
E1514250	250 X 7.6mm (DUPONT FR, HF, UVR)	
E1513300	300 X 4.8mm (DUPONT FR, HF, UVR)	794877/87
E1514300	300 X 7.6mm (DUPONT FR, HF, UVR)	
E1513400	400 X 4.8mm (DUPONT FR, HF, UVR)	794878*/88*
E1514400	400 X 7.6mm (DUPONT FR, HF, UVR)	
E1514450	450 X 7.6mm (DUPONT FR, HF, UVR)	794845*/69*

BH Code	Type	IMPA Code
E1514500	500 X 7.6mm (DUPONT FR, HF, UVR)	
E1515600	600 X 9mm (DUPONT FR, HF, UVR)	
E1515700	700 X 9mm (DUPONT FR, HF, UVR)	
E1515800	800 X 9mm (DUPONT FR, HF, UVR)	794847*/71*
E1515910	1000 X 9mm (DUPONT FR, HF, UVR)	794848*/72*
<b>BLACK</b>		
E1521100	100 X 2.5mm (DUPONT FR, HF, UVR)	
E1522150	150 X 3.6mm (DUPONT FR, HF, UVR)	
E1522200	200 X 3.6mm (DUPONT FR, HF, UVR)	
E1523200	200 X 4.8mm (DUPONT FR, HF, UVR)	
E1524200	200 X 7.6mm (DUPONT FR, HF, UVR)	
E1523250	250 X 4.8mm (DUPONT FR, HF, UVR)	
E1524250	250 X 7.6mm (DUPONT FR, HF, UVR)	
E1523300	300 X 4.8mm (DUPONT FR, HF, UVR)	
E1524300	300 X 7.6mm (DUPONT FR, HF, UVR)	
E1523400	400 X 4.8mm (DUPONT FR, HF, UVR)	
E1524400	400 X 7.6mm (DUPONT FR, HF, UVR)	
E1524450	450 X 7.6mm (DUPONT FR, HF, UVR)	
E1524500	500 X 7.6mm (DUPONT FR, HF, UVR)	
E1525500	500 X 9mm (DUPONT FR, HF, UVR)	
E1525600	600 X 9mm (DUPONT FR, HF, UVR)	
E1525700	700 X 9mm (DUPONT FR, HF, UVR)	
E1525800	800 X 9mm (DUPONT FR, HF, UVR)	
E1525910	1000 X 9mm (DUPONT FR, HF, UVR)	

### CABLE TIE BASE



BH Code	Type	IMPA Code
E1603020	20X20mm WHITE	
E1603029	29X29mm WHITE	
E1603120	20X20mm BLACK	
E1603129	29X29mm BLACK	

### T & B TY-RAP



BH Code	Type	IMPA Code
E1605230	TY23MX 92X2.3mm	
E1605232	TY232MX 203X2.4mm	
E1605234	TY234MX 356X2.4mm	
E1605240	TY24MX 140X3.6mm	
E1605242	TY242MX 208X3.6mm	
E1605250	TY25MX 186X4.7mm	
E1605253	TY253MX 290X4.7mm	
E1605260	TY26MX 281X3.6mm	
E1605270	TY27MX 340X7.7mm	
E1605272	TY272MX 203X7.6mm	
E1605280	TY28MX 360X4.7mm	
E1605290	TY29MX 762X7.6mm	

### LITTLEFLEX SUS 316 CABLE TIE



BH Code	Type	IMPA Code
<b>NON-COATED</b>		
E1611010	RB1-100 100X4.6mm	
E1611015	RB1-150 150X4.6mm	
E1611020	RB1-200 200X4.6mm	794889*
E1611025	RB1-250 250X4.6mm	
E1611030	RB1-300 300X4.6mm	794890*
E1611035	RB1-350 350X4.6mm	
E1611040	RB1-400 400X4.6mm	
E1611050	RB1-500 500X4.6mm	794897*
E1612020	RB2-200 200X8mm	
E1612025	RB2-250 250X8mm	
E1612030	RB2-300 300X8mm	
E1612035	RB2-350 350X8mm	
E1612040	RB2-400 400X8mm	
E1612050	RB2-500 500X8mm	
E1612060	RB2-600 600X8mm	
E1613030	RB3-300 300X12mm	
E1613035	RB3-350 350X12mm	
E1613040	RB3-400 400X12mm	
E1613050	RB3-500 500X12mm	
E1613060	RB3-600 600X12mm	
<b>COATED</b>		
E1611110	RB1-100C 100X4.6mm	
E1611115	RB1-150C 150X4.6mm	
E1611120	RB1-200C 200X4.6mm	
E1611125	RB1-250C 250X4.6mm	
E1611130	RB1-300C 300X4.6mm	
E1611135	RB1-350C 350X4.6mm	
E1611140	RB1-400C 400X4.6mm	
E1611150	RB1-500C 500X4.6mm	
E1611160	RB1-600C 600X4.6mm	
E1612120	RB2-200C 200X8mm	
E1612125	RB2-250C 250X8mm	
E1612130	RB2-300C 300X8mm	
E1612135	RB2-350C 350X8mm	
E1612140	RB2-400C 400X8mm	
E1612150	RB2-500C 500X8mm	
E1612160	RB2-600C 600X8mm	
E1613130	RB3-300C 300X12mm	
E1613135	RB3-350C 350X12mm	
E1613140	RB3-400C 400X12mm	
E1613150	RB3-500C 500X12mm	
E1613160	RB3-600C 600X12mm	

### LITTLEFLEX SUS316 CABLE MARKER STRAP



BH Code	Type	IMPA Code
E1621008	MS8	
E1621013	MS13	
E1621020	MS20	

## LITTLEFLEX SUS316 CABLE MARKER



BH Code	Type	IMPA Code
E1622000	"0"	
E1622001	"1"	
E1622002	"2"	
E1622003	"3"	
E1622004	"4"	
E1622005	"5"	
E1622006	"6"	
E1622007	"7"	
E1622008	"8"	
E1622009	"9"	
E1622011	"A"	
E1622012	"B"	
E1622013	"C"	
E1622014	"D"	
E1622015	"E"	
E1622016	"F"	
E1622017	"G"	
E1622018	"H"	
E1622019	"I"	
E1622020	"J"	
E1622021	"K"	
E1622022	"L"	
E1622023	"M"	
E1622024	"N"	
E1622025	"O"	
E1622026	"P"	
E1622027	"Q"	
E1622028	"R"	
E1622029	"S"	
E1622030	"T"	
E1622031	"U"	
E1622032	"V"	
E1622033	"W"	
E1622034	"X"	
E1622035	"Y"	
E1622036	"Z"	
E1622041	"-"	
E1622042	BLANK	
E1622043	"/"	
E1622044	"/"	

## Cable/Clamp Ties

### SOUTHWIRE CABLE TIE



BH Code	Type	IMPA Code
J5200008	8" UNIVERSAL CABLE TIE 50LBS. (BLACK) 100PK	
J5200011	11" UNIVERSAL CABLE TIE 50LBS. (BLACK) 100PK	
J5200014	14" UNIVERSAL CABLE TIE 50LBS. (BLACK) 100PK	

## SOUTHWIRE CLAMP TIE



BH Code	Type	IMPA Code
J5200102	BROWN 2" CLAMP TIE	
J5200103	BROWN 3" CLAMP TIE	
J5200104	BROWN 4" CLAMP TIE	

## Band Straps/Buckles/Tools

### LITTLEFLEX BAND STRAP & BUCKLE



BH Code	Type	IMPA Code
<b>STAINLESS STEEL</b>		
E1624002	BB-12 AISI 316 BAND BUCKLE 12.7mm	
E1624006	BB-16 AISI 316 BAND BUCKLE 16mm	
E1624012	BS-12P AISI 316 INSULATED BAND STRAP 12.7mmX20M	
E1624112	BS-12 AISI 316 BAND STRAP NON-INSULATED 12.7mmX20M	
E1624016	BS-16P AISI 316 INSULATED BAND STRAP 16mmX20M	
E1625005	DS47 HOOP BAND 14mmX30M S.STEEL	
E1625006	DS47 HOOP BAND 16mmX30M S.STEEL	
E1626011	TYPE D BAND BUCKLE S.STEEL	
<b>GALVANISED</b>		
E1625001	DS47 HOOP BAND 14mmX30M GALVANISED	
E1626001	DS48 BAND BUCKLE 14mm GALVANISED	
E1626010	TYPE D BAND BUCKLE GALVANISED	

### TOOLS FOR BAND HOOD & BUCKLE



BH Code	Type	IMPA Code
E1628001	DS49 BAND DRIVER	
E1628002	DS49 BAND DRIVER - 10" LENGTH	
E1628011	DS50 BANDIX	
E1628012	DS50 BANDIX SPARE CUTTING BLADE	
E1628015	DS50 BANDIX - BIG SIZE	

## Sealing Compounds

### SEALING COMPOUND



BH Code	Type	IMPA Code
E1720010	KVM SEALING COMPOUND - POWDER	
E1720020	KVM SEALING COMPOUND - LIQUID HARDENER	
E1720030	MANGANA SEALING COMPOUND	
E1720040	SWELL STRIPS	
E1720046	IMPREGNATION LIQUID IN PE CONTAINER	
E1730950	AEG GEAQUELLO E950 FLAME RETARDANT COMPOUND (15KG/CAN)	
E1740023	NITTO NF-23 SEALING COMPOUND (400GM)	

BH Code	Type	IMPA Code
E1740024	NITTO NF-24 SEALING COMPOUND (600GM) & LIQUID HARDENER (500GM)	
E1740025	NITTO NF-25 SEALING COMPOUND (1KG)	
E1741000	NEOSEAL INSULATION PUTTY (1KG)	795501



## ELECTRIC PVC TUBE

## Tubes/Sleeves

### ELECTRIC EMPIRE TUBE



BH Code	Type	Quantity	IMPA Code
E2010001	1mm	MTR	795471
E2010002	2mm	MTR	
E2010003	3mm	MTR	795472
E2010004	4mm	MTR	
E2010005	5mm	MTR	795473
E2010006	6mm	MTR	
E2010007	7mm	MTR	795474
E2010008	8mm	MTR	
E2010009	9mm	MTR	795475
E2010010	10mm	MTR	
E2010011	11mm	MTR	795476
E2010012	12mm	MTR	
E2010013	13mm	MTR	795477
E2010014	14mm	MTR	
E2010015	15mm	MTR	795478
E2010016	16mm	MTR	
E2010020	20mm	MTR	

BH Code	Type	Quantity	IMPA Code
<b>BLACK</b>			
E2030101	1mm	MTR	795481
E2030102	2mm	MTR	
E2030103	3mm	MTR	795482
E2030104	4mm	MTR	
E2030105	5mm	MTR	795483
E2030106	6mm	MTR	
E2030107	7mm	MTR	795484
E2030108	8mm	MTR	
E2030109	9mm	MTR	795485
E2030110	10mm	MTR	
E2030111	11mm	MTR	795486
E2030112	12mm	MTR	
E2030113	13mm	MTR	795487
E2030114	14mm	MTR	
E2030115	15mm	MTR	795488
E2030116	16mm	MTR	
E2030118	18mm	MTR	
E2030120	20mm	MTR	
E2030125	25mm	MTR	

### RED

E2030201	1mm	MTR	
E2030202	2mm	MTR	
E2030203	3mm	MTR	
E2030204	4mm	MTR	
E2030205	5mm	MTR	
E2030206	6mm	MTR	
E2030207	7mm	MTR	
E2030208	8mm	MTR	
E2030210	10mm	MTR	
E2030212	12mm	MTR	

### EARTH - GREEN/YELLOW

E2030302	2mm	100M/ROLL	
E2030303	3mm	100M/ROLL	
E2030304	4mm	100M/ROLL	
E2030305	5mm	100M/ROLL	
E2030306	6mm	100M/ROLL	
E2030308	8mm	100M/ROLL	
E2030310	10mm	100M/ROLL	
E2030312	12mm	100M/ROLL	
E2030316	16mm	100M/ROLL	
E2030320	20mm	100M/ROLL	
E2030322	22mm	100M/ROLL	
E2030325	25mm	100M/ROLL	

### WHITE

E2030420	2mm	200M/ROLL	
E2030425	2.5mm	200M/ROLL	
E2030430	3mm	200M/ROLL	
E2030432	3.2mm	200M/ROLL	
E2030440	4mm	200M/ROLL	
E2030450	5mm	200M/ROLL	
E2030460	6mm	200M/ROLL	
E2030470	7mm	100M/ROLL	

### ELECTRIC GLASS TUBE



BH Code	Type	Quantity	IMPA Code
E2020001	1mm	MTR	
E2020002	2mm	MTR	795491
E2020003	3mm	MTR	
E2020004	4mm	MTR	795492
E2020005	5mm	MTR	
E2020006	6mm	MTR	795493
E2020007	7mm	MTR	
E2020008	8mm	MTR	795494
E2020009	9mm	MTR	
E2020010	10mm	MTR	795495
E2020011	11mm	MTR	
E2020012	12mm	MTR	
E2020014	14mm	MTR	
E2020015	15mm	MTR	
E2020016	16mm	MTR	
E2020018	18mm	MTR	
E2020020	20mm	MTR	
E2020025	25mm	MTR	
E2020028	28mm	MTR	

## RADPOL RPKH1S (MWT1S) ADHESIVE COATED TUBING



BH Code	Type	Quantity	IMPA Code
E2101009	9/3 MEDIUM WALL	MTR	
E2101012	12/4 MEDIUM WALL	MTR	
E2101018	18/6 MEDIUM WALL	MTR	
E2101022	22/6 MEDIUM WALL	MTR	
E2101025	25/10 MEDIUM WALL	MTR	
E2101032	32/12 MEDIUM WALL	MTR	
E2101035	35/12 MEDIUM WALL	MTR	
E2101040	40/16 MEDIUM WALL	MTR	
E2101052	52/20 MEDIUM WALL	MTR	
E2101063	63/27 MEDIUM WALL	MTR	
E2101080	80/35 MEDIUM WALL	MTR	
E2101103	103/45 MEDIUM WALL	MTR	
E2101132	132/58 MEDIUM WALL	MTR	

## RADPOL ADHESIVE SHRINKABLE END CAP



BH Code	Type	IMPA Code
E2109014	KTK 14/4	
E2109023	KTK 23/8	
E2109040	KTK 40/15	
E2109070	KTK 70/25	
E2109120	KTK 120/45	

## SHRINKABLE SLEEVE



BH Code	Colour	Quantity	IMPA Code
<b>1mm</b>			
E2110101	BLACK	MTR	
E2110102	BLUE	MTR	
E2110103	CLEAR	MTR	
E2110104	GREEN	MTR	
E2110105	RED	MTR	
E2110106	WHITE	MTR	
E2110107	YELLOW	MTR	
<b>2mm</b>			
E2110201	BLACK	MTR	
E2110202	BLUE	MTR	
E2110203	CLEAR	MTR	
E2110204	GREEN	MTR	
E2110205	RED	MTR	
E2110206	WHITE	MTR	
E2110207	YELLOW	MTR	
<b>3mm</b>			
E2110301	BLACK	MTR	
E2110302	BLUE	MTR	
E2110303	CLEAR	MTR	
E2110304	GREEN	MTR	
E2110305	RED	MTR	
E2110306	WHITE	MTR	
E2110307	YELLOW	MTR	
E2110308	GREEN/YELLOW	MTR	
<b>4mm</b>			
E2110401	BLACK	MTR	
E2110402	BLUE	MTR	
E2110403	CLEAR	MTR	
E2110404	GREEN	MTR	
E2110405	RED	MTR	
E2110406	WHITE	MTR	
E2110407	YELLOW	MTR	
E2110408	GREEN/YELLOW	MTR	
<b>5mm</b>			
E2110501	BLACK	MTR	
E2110502	BLUE	MTR	
E2110503	CLEAR	MTR	
E2110504	GREEN	MTR	
E2110505	RED	MTR	
E2110506	WHITE	MTR	

## 3M MDT-A ADHESIVE SHRINKABLE SLEEVE



BH Code	Type	Quantity	IMPA Code
E2103012	MEDIUM WALL 12/3	MTR	
E2103019	MEDIUM WALL 19/6	MTR	
E2103027	MEDIUM WALL 27/8	MTR	
E2103032	MEDIUM WALL 32/7.5	MTR	
E2103038	MEDIUM WALL 38/12	MTR	
E2103050	MEDIUM WALL 50/18	MTR	
E2103070	MEDIUM WALL 70/26	MTR	
E2103090	MEDIUM WALL 90/36	MTR	
E2103120	MEDIUM WALL 120/40	MTR	

## RADPOL HEAT SHRINKABLE WRAP AROUND SLEEVE 36KV



BH Code	Type	Quantity	IMPA Code
E2105042	RM42/8	MTR	
E2105062	RM62/22	MTR	
E2105092	RM92/30	MTR	
E2105122	RM122/38	MTR	
E2105160	RM160/55	MTR	
E2105210	RM210/55	MTR	

## SHRINKABLE SLEEVE KIT & TAPE



BH Code	Type	IMPA Code
E2109001	ZDM1 SHRINKABLE SLEEVE KIT	
E2109005	T-25/05 HEAT SHRINKABLE TAPE 25mmX30M	



BH Code	Colour	Quantity	IMPA Code	BH Code	Colour	Quantity	IMPA Code
E2110507	YELLOW	MTR		E2111403	CLEAR	MTR	
E2110508	GREEN/YELLOW	MTR		E2111404	GREEN	MTR	
	<b>6mm</b>			E2111405	RED	MTR	
E2110601	BLACK	MTR		E2111406	WHITE	MTR	
E2110602	BLUE	MTR		E2111407	YELLOW	MTR	
E2110603	CLEAR	MTR		E2111408	GREEN/YELLOW	MTR	
E2110604	GREEN	MTR			<b>16mm</b>		
E2110605	RED	MTR		E2111601	BLACK	MTR	
E2110606	WHITE	MTR		E2111602	BLUE	MTR	
E2110607	YELLOW	MTR		E2111603	CLEAR	MTR	
E2110608	GREEN/YELLOW	MTR		E2111604	GREEN	MTR	
	<b>7mm</b>			E2111605	RED	MTR	
E2110701	BLACK	MTR		E2111606	WHITE	MTR	
E2110702	BLUE	MTR		E2111607	YELLOW	MTR	
E2110703	CLEAR	MTR		E2111608	GREEN/YELLOW	MTR	
E2110704	GREEN	MTR			<b>18mm</b>		
E2110705	RED	MTR		E2111801	BLACK	MTR	
E2110706	WHITE	MTR			<b>20mm</b>		
E2110707	YELLOW	MTR		E2112001	BLACK	MTR	
	<b>8mm</b>			E2112002	BLUE	MTR	
E2110801	BLACK	MTR		E2112003	CLEAR	MTR	
E2110802	BLUE	MTR		E2112004	GREEN	MTR	
E2110803	CLEAR	MTR		E2112005	RED	MTR	
E2110804	GREEN	MTR		E2112006	WHITE	MTR	
E2110805	RED	MTR		E2112007	YELLOW	MTR	
E2110806	WHITE	MTR		E2112008	GREEN/YELLOW	MTR	
E2110807	YELLOW	MTR			<b>25mm</b>		
E2110808	GREEN/YELLOW	MTR		E2112501	BLACK	MTR	
	<b>9mm</b>			E2112502	BLUE	MTR	
E2110901	BLACK	MTR		E2112503	CLEAR	MTR	
E2110902	BLUE	MTR		E2112504	GREEN	MTR	
E2110903	CLEAR	MTR		E2112505	RED	MTR	
E2110904	GREEN	MTR		E2112506	WHITE	MTR	
E2110905	RED	MTR		E2112507	YELLOW	MTR	
E2110906	WHITE	MTR		E2112508	GREEN/YELLOW	MTR	
E2110907	YELLOW	MTR			<b>30mm</b>		
	<b>10mm</b>			E2113001	BLACK	MTR	
E2111001	BLACK	MTR			<b>35mm</b>		
E2111002	BLUE	MTR		E2113501	BLACK	MTR	
E2111003	CLEAR	MTR			<b>50mm</b>		
E2111004	GREEN	MTR		E2115001	BLACK	MTR	
E2111005	RED	MTR			<b>80mm</b>		
E2111006	WHITE	MTR		E2118001	BLACK	MTR	
E2111007	YELLOW	MTR			<b>100mm</b>		
E2111008	GREEN/YELLOW	MTR		E2119001	BLACK	MTR	
	<b>12mm</b>						
E2111201	BLACK	MTR					
E2111202	BLUE	MTR					
E2111203	CLEAR	MTR					
E2111204	GREEN	MTR					
E2111205	RED	MTR					
E2111206	WHITE	MTR					
E2111207	YELLOW	MTR					
E2111208	GREEN/YELLOW	MTR					
	<b>14mm</b>						
E2111401	BLACK	MTR					
E2111402	BLUE	MTR					

### 3M SHRINKABLE SLEEVE



BH Code	Type	Colour	Quantity	IMPA Code
E2130016	1.6 - 0.8mm	BLACK	MTR	
E2130024	2.4 - 1.2mm	BLACK	MTR	
E2130032	3.2 - 1.6mm	BLACK	MTR	
E2130048	4.8 - 2.4mm	BLACK	MTR	
E2130064	6.4 - 3.2mm	BLACK	MTR	

BH Code	Type	Colour	Quantity	IMPA Code	BH Code	Type	Colour	Quantity	IMPA Code
E2130095	9.5 - 4.8mm	BLACK	MTR		E2140384	38 - 19mm	RED	MTR	
E2130127	12.7 - 6.4mm	BLACK	MTR		E2140385	38 - 19mm	YELLOW	MTR	
E2130191	19.1 - 11.4mm	BLACK	MTR		E2140511	51 - 25.5mm	BLACK	MTR	
E2130254	25.4 - 12.7mm	BLACK	MTR		E2140512	51 - 25.5mm	BLUE	MTR	
E2130381	38.1 - 22mm	BLACK	MTR		E2140513	51 - 25.5mm	GREEN/YELLOW	MTR	
E2130508	50.8 - 29mm	BLACK	MTR		E2140514	51 - 25.5mm	RED	MTR	
E2130762	76.2 - 38.1mm	BLACK	MTR		E2140515	51 - 25.5mm	YELLOW	MTR	
E2131016	101.6 - 50.8mm	BLACK	MTR		E2140761	76 - 38mm	BLACK	MTR	

## RADPOL RCES HEAT SHRINK



BH Code	Type	Colour	Quantity	IMPA Code
E2140021	2.4 - 1.2mm	BLACK	MTR	
E2140022	2.4 - 1.2mm	BLUE	MTR	
E2140023	2.4 - 1.2mm	GREEN/YELLOW	MTR	
E2140024	2.4 - 1.2mm	RED	MTR	
E2140025	2.4 - 1.2mm	YELLOW	MTR	
E2140031	3.2 - 1.6mm	BLACK	MTR	
E2140032	3.2 - 1.6mm	BLUE	MTR	
E2140033	3.2 - 1.6mm	GREEN/YELLOW	MTR	
E2140034	3.2 - 1.6mm	RED	MTR	
E2140035	3.2 - 1.6mm	YELLOW	MTR	
E2140041	4.8 - 2.4mm	BLACK	MTR	
E2140042	4.8 - 2.4mm	BLUE	MTR	
E2140043	4.8 - 2.4mm	GREEN/YELLOW	MTR	
E2140044	4.8 - 2.4mm	RED	MTR	
E2140045	4.8 - 2.4mm	YELLOW	MTR	
E2140061	6.4 - 3.2mm	BLACK	MTR	
E2140062	6.4 - 3.2mm	BLUE	MTR	
E2140063	6.4 - 3.2mm	GREEN/YELLOW	MTR	
E2140064	6.4 - 3.2mm	RED	MTR	
E2140065	6.4 - 3.2mm	YELLOW	MTR	
E2140091	9.5 - 4.8mm	BLACK	MTR	
E2140092	9.5 - 4.8mm	BLUE	MTR	
E2140093	9.5 - 4.8mm	GREEN/YELLOW	MTR	
E2140094	9.5 - 4.8mm	RED	MTR	
E2140095	9.5 - 4.8mm	YELLOW	MTR	
E2140121	12.7 - 6.4mm	BLACK	MTR	
E2140122	12.7 - 6.4mm	BLUE	MTR	
E2140123	12.7 - 6.4mm	GREEN/YELLOW	MTR	
E2140124	12.7 - 6.4mm	RED	MTR	
E2140125	12.7 - 6.4mm	YELLOW	MTR	
E2140191	19 - 9.5mm	BLACK	MTR	
E2140192	19 - 9.5mm	BLUE	MTR	
E2140193	19 - 9.5mm	GREEN/YELLOW	MTR	
E2140194	19 - 9.5mm	RED	MTR	
E2140195	19 - 9.5mm	YELLOW	MTR	
E2140251	25.4 - 12.7mm	BLACK	MTR	
E2140252	25.4 - 12.7mm	BLUE	MTR	
E2140253	25.4 - 12.7mm	GREEN/YELLOW	MTR	
E2140254	25.4 - 12.7mm	RED	MTR	
E2140255	25.4 - 12.7mm	YELLOW	MTR	
E2140381	38 - 19mm	BLACK	MTR	
E2140382	38 - 19mm	BLUE	MTR	
E2140383	38 - 19mm	GREEN/YELLOW	MTR	

E2140762	76 - 38mm	BLUE	MTR	
E2140763	76 - 38mm	GREEN/YELLOW	MTR	
E2140764	76 - 38mm	RED	MTR	
E2140765	76 - 38mm	YELLOW	MTR	
E2141021	102 - 51mm	BLACK	MTR	
E2141022	102 - 51mm	BLUE	MTR	
E2141023	102 - 51mm	GREEN/YELLOW	MTR	
E2141024	102 - 51mm	RED	MTR	
E2141025	102 - 51mm	YELLOW	MTR	

## Cable Terminals/Ferrules

### INSULATED RING TERMINAL 'R-TG' TYPE



BH Code	Normal Size	Bolt Hole	IMPA Code
E3010103	1.25mm <sup>2</sup>	3	794701
E3010104	1.25mm <sup>2</sup>	4	794521/794702
E3010105	1.25mm <sup>2</sup>	5	794703
E3010106	1.25mm <sup>2</sup>	6	
E3010108	1.25mm <sup>2</sup>	8	
E3010110	1.25mm <sup>2</sup>	10	
E3010203	2mm <sup>2</sup>	3	794522
E3010204	2mm <sup>2</sup>	4	794523/794704
E3010205	2mm <sup>2</sup>	5	794524/794705
E3010206	2mm <sup>2</sup>	6	794525/794706
E3010208	2mm <sup>2</sup>	8	794526/794707
E3010210	2mm <sup>2</sup>	10	
E3010503	5.5mm <sup>2</sup>	3	
E3010504	5.5mm <sup>2</sup>	4	794527/794708
E3010505	5.5mm <sup>2</sup>	5	794709
E3010506	5.5mm <sup>2</sup>	6	794528/794709
E3010508	5.5mm <sup>2</sup>	8	794711
E3010510	5.5mm <sup>2</sup>	10	794529/794712
E3010512	5.5mm <sup>2</sup>	12	

### NON-INSULATED RING TERMINAL 'R' TYPE



BH Code	Normal Size	Bolt Hole	IMPA Code
E3011103	1.25mm <sup>2</sup>	3	794651
E3011104	1.25mm <sup>2</sup>	4	794652
E3011105	1.25mm <sup>2</sup>	5	794653
E3011106	1.25mm <sup>2</sup>	6	
E3011108	1.25mm <sup>2</sup>	8	

BH Code	Normal Size	Bolt Hole	IMPA Code
E3011110	1.25mm2	10	
E3011203	2mm2	3	
E3011204	2mm2	4	794654
E3011205	2mm2	5	794655
E3011206	2mm2	6	794656
E3011208	2mm2	8	794657
E3011210	2mm2	10	
E3011503	5.5mm2	3	
E3011504	5.5mm2	4	794658
E3011505	5.5mm2	5	794659
E3011506	5.5mm2	6	794660
E3011508	5.5mm2	8	794501/794661
E3011510	5.5mm2	10	794662
E3011805	8mm2	5	794663
E3011806	8mm2	6	794502/794664
E3011808	8mm2	8	794503/794665
E3011810	8mm2	10	794504/794666
E3011812	8mm2	12	

### INSULATED FORK TERMINAL 'Y-TG' TYPE



BH Code	Normal Size	Bolt Hole	IMPA Code
E3020103	1.25mm2	3	794531/794716
E3020104	1.25mm2	4	794532/794717
E3020105	1.25mm2	5	794718
E3020106	1.25mm2	6	
E3020203	2mm2	3	
E3020204	2mm2	4	794533/794719
E3020205	2mm2	5	794535/794720
E3020206	2mm2	6	
E3020208	2mm2	8	
E3020503	5.5mm2	3	
E3020504	5.5mm2	4	794721
E3020505	5.5mm2	5	794536/794722
E3020506	5.5mm2	6	794723
E3020508	5.5mm2	8	
E3020510	5.5mm2	10	

### NON-INSULATED FORK TERMINAL 'Y' TYPE



BH Code	Normal Size	Bolt Hole	IMPA Code
E3021103	1.25mm2	3	794681
E3021104	1.25mm2	4	794541/794682
E3021105	1.25mm2	5	794683
E3021106	1.25mm2	6	
E3021203	2mm2	3	
E3021204	2mm2	4	794684
E3021205	2mm2	5	794685
E3021206	2mm2	6	
E3021208	2mm2	8	
E3021503	5.5mm2	3	

BH Code	Normal Size	Bolt Hole	IMPA Code
E3021504	5.5mm2	4	794686
E3021505	5.5mm2	5	794687
E3021506	5.5mm2	6	794688

### INSULATED CONNECTOR 'B' TYPE



BH Code	Normal Size	IMPA Code
E3030001	1.25mm2	794575
E3030002	2mm2	
E3030005	5.5mm2	794576

### INSULATED ROUND PIN TERMINAL



BH Code	Normal Size	IMPA Code
E3031001	1.5 RED	794581
E3031002	2.5 BLUE	794582
E3031005	5.5 YELLOW	794583

### INSULATED FLAT PIN TERMINAL



BH Code	Normal Size	IMPA Code
E3032001	1.5 RED	794561/62
E3032002	2.5 BLUE	794563
E3032005	5.5 YELLOW	794564

### INSULATED HOOK TERMINAL



BH Code	Normal Size	IMPA Code
E3033001	1.5 RED	
E3033002	2.5 BLUE	
E3033005	5.5 YELLOW	

### INSULATED SNAP-ON MALE TERMINAL



BH Code	Normal Size	IMPA Code
E3035013	1.25mm2 RED 3mm	
E3035014	1.25mm2 RED 4mm	
E3035016	1.25mm2 RED 6mm	
E3035024	2.0mm2 BLUE 4mm	
E3035026	2.0mm2 BLUE 6mm	
E3035056	5.5mm2 YELLOW 6mm	

## INSULATED SNAP-ON MALE TERMINAL



BH Code	Normal Size	IMPA Code
E3035013	1.25mm <sup>2</sup> RED 3mm	
E3035014	1.25mm <sup>2</sup> RED 4mm	
E3035016	1.25mm <sup>2</sup> RED 6mm	
E3035024	2.0mm <sup>2</sup> BLUE 4mm	
E3035026	2.0mm <sup>2</sup> BLUE 6mm	
E3035056	5.5mm <sup>2</sup> YELLOW 6mm	

## INSULATED BOOTLACE FERRULE



BH Code	Normal Size	IMPA Code
E3100050	0.5 WHITE	
E3100075	0.75 BLUE	
E3100076	0.75 WHITE	
E3100100	1.0 RED	
E3100150	1.5 BLACK	
E3100250	2.5 GREY	
E3100400	4.0 ORANGE	
E3100600	6.0 GREEN	
E3101000	10.0 BROWN	
E3101600	16 IVORY	
E3102500	25 BLACK	
E3103500	35 RED	
E3105000	50	
E3107000	70	

## INSULATED SNAP-ON FEMALE TERMINAL



BH Code	Normal Size	IMPA Code
E3036013	1.25mm <sup>2</sup> RED 3mm	794545
E3036014	1.25mm <sup>2</sup> RED 4mm	794546
E3036016	1.25mm <sup>2</sup> RED 6mm	794547
E3036024	2.0mm <sup>2</sup> BLUE 4mm	794548
E3036026	2.0mm <sup>2</sup> BLUE 6mm	794549
E3036506	5.5mm <sup>2</sup> YELLOW 6mm	794550/51

## NON-INSULATED FERRULES



BH Code	Normal Size	IMPA Code
E3110075	0.75mm <sup>2</sup>	
E3110100	1.0mm <sup>2</sup>	
E3110150	1.5mm <sup>2</sup>	
E3110250	2.5mm <sup>2</sup>	
E3110400	4mm <sup>2</sup>	
E3110600	6mm <sup>2</sup>	
E3111000	10mm <sup>2</sup>	
E3111600	16mm <sup>2</sup>	
E3112500	25mm <sup>2</sup>	
E3113500	35mm <sup>2</sup>	

## INSULATED DOUBLE SNAP-ON FEMALE TERMINAL



BH Code	Normal Size	IMPA Code
E3037001	1.25mm <sup>2</sup> RED 6mm	
E3037002	2.0mm <sup>2</sup> BLUE 6mm	
E3037005	5.5mm <sup>2</sup> YELLOW 6mm	

## INSULATED BULLET MALE



BH Code	Normal Size	IMPA Code
E3038001	1.25mm <sup>2</sup>	
E3038002	2.0mm <sup>2</sup>	
E3038005	5.5mm <sup>2</sup>	

## INSULATED BULLET FEMALE



BH Code	Normal Size	IMPA Code
E3038011	1.25mm <sup>2</sup>	
E3038012	2.0mm <sup>2</sup>	
E3038015	5.5mm <sup>2</sup>	

## NON-INSULATED RING TERMINAL



BH Code	Normal Size	Bolt Hole	IMPA Code
E3500405	4mm <sup>2</sup>	5	
E3500406	4mm <sup>2</sup>	6	
E3500606	6mm <sup>2</sup>	6	
E3500608	6mm <sup>2</sup>	8	
E3500610	6mm <sup>2</sup>	10	
E3501005	10mm <sup>2</sup>	5	
E3501006	10mm <sup>2</sup>	6	794505
E3501008	10mm <sup>2</sup>	8	
E3501010	10mm <sup>2</sup>	10	
E3501012	10mm <sup>2</sup>	12	
E3501605	16mm <sup>2</sup>	5	
E3501606	16mm <sup>2</sup>	6	
E3501608	16mm <sup>2</sup>	8	794506*
E3501610	16mm <sup>2</sup>	10	794507*/794508
E3501612	16mm <sup>2</sup>	12	
E3502506	25mm <sup>2</sup>	6	794509*/794513

BH Code	Normal Size	Bolt Hole	IMPA Code	BH Code	Normal Size	IMPA Code
E3502508	25mm2	8	794511*	E3600004	4 mm2	
E3502510	25mm2	10	794512*	E3600006	6 mm2	794673*
E3502512	25mm2	12		E3600010	10 mm2	794674*
E3503506	35mm2	6		E3600016	16 mm2	
E3503508	35mm2	8	794514*	E3600025	25 mm2	
E3503510	35mm2	10		E3600035	35 mm2	
E3503512	35mm2	12		E3600050	50 mm2	
E3503514	35mm2	14		E3600070	70 mm2	
E3505006	50mm2	6		E3600095	95 mm2	
E3505008	50mm2	8		E3600120	120 mm2	
E3505010	50mm2	10		E3600150	150mm2	
E3505012	50mm2	12		E3600185	185mm2	
E3505014	50mm2	14		E3600240	240mm2	
E3505016	50mm2	16		E3600300	300mm2	
E3507006	70mm2	6				
E3507008	70mm2	8				
E3507010	70mm2	10				
E3507012	70mm2	12				
E3507014	70mm2	14				
E3507016	70mm2	16				
E3509508	95mm2	8				
E3509510	95mm2	10				
E3509512	95mm2	12				
E3509514	95mm2	14				
E3509516	95mm2	16				
E3509520	95mm2	20				
E3512010	120mm2	10				
E3512012	120mm2	12				
E3512014	120mm2	14				
E3512016	120mm2	16				
E3512020	120mm2	20				
E3515010	150mm2	10				
E3515012	150mm2	12				
E3515014	150mm2	14				
E3515016	150mm2	16				
E3515020	150mm2	20				
E3518512	185mm2	12				
E3518514	185mm2	14				
E3518516	185mm2	16				
E3518520	185mm2	20				
E3524012	240mm2	12				
E3524016	240mm2	16				
E3524020	240mm2	20				
E3530012	300mm2	12				
E3530016	300mm2	16				
E3530020	300mm2	20				
E3540012	400mm2	12				
E3540016	400mm2	16				
E3540020	400mm2	20				

### VINYL WIRE END CAP



BH Code	Colour	IMPA Code
	<b>1.25mm<sup>2</sup></b>	
E3700011	BLACK	
E3700012	BLUE	
E3700013	RED	
E3700014	YELLOW	
E3700015	GREY	
E3700016	BROWN	
E3700017	WHITE	
E3700018	GREEN	
	<b>2mm<sup>2</sup></b>	
E3700021	BLACK	
E3700022	BLUE	
E3700023	RED	
E3700024	YELLOW	
E3700025	GREY	
E3700026	BROWN	
E3700027	WHITE	
E3700028	GREEN	
	<b>3.5mm<sup>2</sup></b>	
E3700031	BLACK	
E3700032	BLUE	
E3700033	RED	
E3700034	YELLOW	
E3700035	GREY	
E3700036	BROWN	
E3700037	WHITE	
E3700038	GREEN	
	<b>5.5mm<sup>2</sup></b>	
E3700051	BLACK	
E3700052	BLUE	
E3700053	RED	
E3700054	YELLOW	
E3700055	GREY	
E3700056	BROWN	
E3700057	WHITE	
E3700058	GREEN	
	<b>8mm<sup>2</sup></b>	
E3700081	BLACK	
E3700082	BLUE	

### NON-INSULATED CONNECTOR LINK



BH Code	Normal Size	IMPA Code
E3600001	1.5 mm2	794671
E3600002	2.5 mm2	794672

BH Code	Colour	IMPA Code	BH Code	Colour	IMPA Code
E370083	RED			<b>125mm<sup>2</sup></b>	
E370084	YELLOW		E3701251	BLACK	
E370085	GREY		E3701252	BLUE	
E370086	BROWN		E3701253	RED	
E370087	WHITE		E3701254	YELLOW	
E370088	GREEN		E3701255	GREY	
	<b>14mm<sup>2</sup></b>		E3701256	BROWN	
E3700141	BLACK		E3701257	WHITE	
E3700142	BLUE		E3701258	GREEN	
E3700143	RED			<b>150mm<sup>2</sup></b>	
E3700144	YELLOW		E3701501	BLACK	
E3700145	GREY		E3701502	BLUE	
E3700146	BROWN		E3701503	RED	
E3700147	WHITE		E3701504	YELLOW	
E3700148	GREEN		E3701505	GREY	
	<b>22mm<sup>2</sup></b>		E3701506	BROWN	
E3700221	BLACK		E3701507	WHITE	
E3700222	BLUE		E3701508	GREEN	
E3700223	RED			<b>200mm<sup>2</sup></b>	
E3700224	YELLOW		E3702001	BLACK	
E3700225	GREY		E3702002	BLUE	
E3700226	BROWN		E3702003	RED	
E3700227	WHITE		E3702004	YELLOW	
E3700228	GREEN		E3702005	GREY	
	<b>38mm<sup>2</sup></b>		E3702006	BROWN	
E3700381	BLACK		E3702007	WHITE	
E3700382	BLUE		E3702008	GREEN	
E3700383	RED			<b>250mm<sup>2</sup></b>	
E3700384	YELLOW		E3702501	BLACK	
E3700385	GREY		E3702502	BLUE	
E3700386	BROWN		E3702503	RED	
E3700387	WHITE		E3702504	YELLOW	
E3700388	GREEN		E3702505	GREY	
	<b>60mm<sup>2</sup></b>		E3702506	BROWN	
E3700601	BLACK		E3702507	WHITE	
E3700602	BLUE		E3702508	GREEN	
E3700603	RED			<b>325mm<sup>2</sup></b>	
E3700604	YELLOW		E3703251	BLACK	
E3700605	GREY		E3703252	BLUE	
E3700606	BROWN		E3703253	RED	
E3700607	WHITE		E3703254	YELLOW	
E3700608	GREEN		E3703255	GREY	
	<b>80mm<sup>2</sup></b>		E3703256	BROWN	
E3700801	BLACK		E3703257	WHITE	
E3700802	BLUE		E3703258	GREEN	
E3700803	RED				
E3700804	YELLOW				
E3700805	GREY				
E3700806	BROWN				
E3700807	WHITE				
E3700808	GREEN				
	<b>100mm<sup>2</sup></b>				
E3701001	BLACK				
E3701002	BLUE				
E3701003	RED				
E3701004	YELLOW				
E3701005	GREY				
E3701006	BROWN				
E3701007	WHITE				
E3701008	GREEN				

## Tools & Accessories - Cable Terminals

### TOOLS & ACCESSORIES FOR CABLE SHOE TERMINAL



BH Code	Type	IMPA Code
E3800006	HS CRIMPING TOOL FOR CABLE SHOE 1.25-6mm <sup>2</sup>	
E3800008	HS CRIMPING TOOL FOR CABLE SHOE 1.25-8mm <sup>2</sup>	
E3800016	HS CRIMPING TOOL FOR NON-INSULATED CABLE LINKS 2.5-16mm <sup>2</sup>	
E3800038	HS CRIMPING TOOL FOR NON-INSULATED CABLE LINKS 5.5-38mm <sup>2</sup>	

BH Code	Type	IMPA Code
E380050	HX HEXAGON CRIMPING TOOL 6-50mm2	
E3800120	HX HEXAGON CRIMPING TOOL 10-120mm2	
E3800150	HX HEXAGON CRIMPING TOOL 25-150mm2	
E3800240	HP HYDRAULIC CRIMPING TOOL 16-240mm2	
E3800300	CYO HYDRAULIC CRIMPING TOOL 35-300mm2	



E3801001	HS RATCHET CRIMPING TOOL 1.25-6mm2	
E3801002	LY RATCHET CRIMPING TOOL 1.25-6mm2	
E3801003	HS RATCHET CRIMPING TOOL 1.5-10mm2	
E3801004	HS FERRULES CRIMPING TOOL 0.75-6mm2	



E3801005	HT RATCHET CRIMPING TOOL FOR RG6, RG58, RG62 CABLES	
E3801006	HT 8.7" RATCHET HEX CRIMPING TOOL FOR BNC RG58/59/62 CABLES	
E3801007	HT 8.7" RATCHET CRIMPING TOOL FOR INSULATED TERMINAL DIN 0.5-1.0, 1.5-2.5, 4-6mm2	
E3801010	HT CONNECTOR CRIMPING TOOL FOR CRIMPING F CONNECTOR RG59, RG6	



E3801011	HT DUAL MODULAR CRIMPING TOOL RJ45/RJ11	
E3801012	HT ADJUSTING CABLE SLITTER 4.5-25mm	
E3801015	HT MODULAR PLUG CRIMPING TOOL FOR MOD/TEL RJ45	



E3801016	RJ 45,12,11 RATCHET CRIMPING TOOL	
E3801021	HS WIRE STRIPPER 0.5-3.2mm2	
E3801022	HS SELF-ADJUSTING CUTTER/STRIPPER 0.2-4mm2	
E3801032	PUNCH DOWN TOOL	



E3802125	CABLE CUTTER 125mm2 L=300mm	
E3802250	CABLE CUTTING 250mm2 L=600mm	
E3802500	CABLE CUTTER 500mm2 L=800mm	
E3803018	CABLE SHOES ASSORTED IN BOX OF 18 SIZES	

## Cable Markers

### CABLE MARKER



BH Code	Type	IMPA Code
E4010001	SHEET 0-9	794801
E4010002	0-9 IN FULL SET OF 10 SH.	794802
E4010003	SHEET A-Z	794803
E4010004	A-Z IN FULL SET OF 26 SH.	794804
E4010005	SHEET 1-33	

## Cable Clips/Clamps/Saddles

### CABLE STAPLE



BH Code	Type	IMPA Code
E4020001	CABLE STAPLE NO.1/2	794785/86
E4020002	CABLE STAPLE NO.5/8	794787
E4020003	CABLE STAPLE NO.3/4	794788

### CABLE CLIPS W/NAIL



BH Code	Type	IMPA Code
E4030004	4mm	
E4030005	5mm	
E4030006	6mm	
E4030007	7mm	794791
E4030008	8mm	
E4030009	9mm	
E4030010	10mm	
E4030011	11mm	794792
E4030012	12mm	
E4030014	14mm	794793
E4030016	16mm	794794
E4030018	18mm	794795
E4030020	20mm	
E4030022	22mm	794796*
E4030025	25mm	

### CABLE SADDLE



BH Code	Type	IMPA Code
<b>GALVANIZED</b>		
E4040001	3/8"	794771*
E4040002	1/2"	794772*
E4040003	5/8"	794773*
E4040004	3/4"	794774*
E4040005	1"	794775*
E4040006	1 1/4"	794776*
E4040007	1 1/2"	794777*
E4040008	2"	794778*
<b>SUS316</b>		
E4041001	3/8"	
E4041002	1/2"	
E4041003	5/8"	
E4041004	3/4"	
E4041005	1"	

BH Code	Type	IMPA Code
E4041006	1-1/4"	
E4041007	1-1/2"	
E4041008	2"	

## Insulation Materials

### BAKELITE SHEET



BH Code	Type	IMPA Code
E4201001	1mm	795382
E4201002	2mm	795383
E4201003	3mm	795384
E4201004	4mm	795385
E4201005	5mm	795386
E4201006	6mm	795387
E4201008	8mm	795388
E4201010	10mm	795389
E4201012	12mm	795390
E4201015	15mm	795391
E4201018	18mm	795392
E4201020	20mm	795393
E4201025	25mm	795394
E4201030	30mm	795395

### ALLIGATOR CLIP



BH Code	Type	IMPA Code
E4080034	A-TYPE 34mm	794881
E4080050	A-TYPE 50mm	794882
E4080073	A-TYPE 73mm	794883
E4080162	B-TYPE 62mm	794884

### BANANA PIN PLUG



BH Code	Type	IMPA Code
E4081001	BANANA PIN PLUG	794891 - 96

### WELDING CABLE CONNECTOR



BH Code	Type	IMPA Code
E4100300	300A	794761
E4100500	500A	794762
E4100600	600A	794763*
E4100601	SK35-50	

### BAKELITE ROD



BH Code	Type	IMPA Code
E4202012	12mm X 1M	795353
E4202015	15mm X 1M	795355
E4202018	18mm X 1M	795357
E4202020	20mm X 1M	795358
E4202025	25mm X 1M	795360
E4202030	30mm X 1M	795363
E4202035	35mm X 1M	795365
E4202040	40mm X 1M	795367
E4202050	50mm X 1M	795369
E4202060	60mm X 1M	795371
E4202065	65mm X 1M	795372
E4202070	70mm X 1M	
E4202075	75mm X 1M	
E4202080	80mm X 1M	
E4202100	100mm X 1M	

### ELECTRODE HOLDER



BH Code	Type	IMPA Code
E4102300	300A	
E4102400	400A	
E4102500	500A	

### EARTH CLAMP



BH Code	Type	IMPA Code
E4103300	300A	
E4103500	500A	

### ENAMELLED COPPER WIRE



BH Code	Type	IMPA Code
E4250001	0.1mm	
E4250002	0.2mm	
E4250003	0.3mm	
E4250004	0.4mm	794354
E4250005	0.5mm	794356
E4250006	0.6mm	794358
E4250007	0.7mm	794360



BH Code	Type	IMPA Code
E4250008	0.8mm	794361
E4250009	0.9mm	794362
E4250010	1.0mm	794363
E4250012	1.2mm	794364
E4250015	1.5mm	
E4250018	1.8mm	794367
E4250020	2.0mm	794368
E4250025	2.5mm	
E4250030	3.0mm	

### RUBBER INSULATION GLOVE



BH Code	Type	IMPA Code
E4440005	5,000V	795531
E4440010	10,000V	
E4440020	25,000V	795532
E4444002A	ELSEC2.5 CLASS 00 2.5KV WITH CERT (SIZE 9)	
E4444002B	ELSEC2.5 CLASS 00 2.5KV WITH CERT (SIZE 10)	
E4444005A	ELSEC5 CLASS 0 5KV WITH CERT (SIZE 9)	795531*
E4444005B	ELSEC5 CLASS 0 5KV WITH CERT (SIZE 10)	
E4444010A	ELSEC10 CLASS 1 10KV WITH CERT (SIZE 9)	
E4444010B	ELSEC10 CLASS 1 10KV WITH CERT (SIZE 10)	
E4444010C	ELSEC10 CLASS 1 10KV WITH CERT (SIZE 11)	
E4444020B	ELSEC20 CLASS 2 20KV WITH CERT (SIZE 10)	795532
E4444020C	ELSEC20 CLASS 2 20KV WITH CERT (SIZE 11)	

## Soldering Tools/Accessories

### SOLDERING IRON



BH Code	Type	Voltage	Current/Watts	IMPA Code
E5011015	I-ROUND	110V	15W	795011
E5011030	I-FLAT	110V	30W	795012*
E5011040	I-FLAT	110V	40W	
E5011060	I-FLAT	110V	60W	795013*
E5011080	I-FLAT	110V	80W	795014*
E5011100	I-FLAT	110V	100W	795015*
E5011150	I-FLAT	110V	150W	795021
E5011200	I-FLAT	110V	200W	795022
E5011301	I-FLAT	110V	300W	795023
E5011501	I-FLAT	110V	500W	795024
E5012015	I-ROUND	220V	15W	
E5012025	I-ROUND	220V	25W	
E5012030	I-ROUND	220V	30W	795051
E5012040	I-FLAT	220V	40W	
E5012060	I-ROUND	220V	60W	795052
E5012080	I-FLAT	220V	80W	795053*
E5012100	I-ROUND	220V	100W	795054
E5012150	I-FLAT	220V	150W	795061
E5012200	I-FLAT	220V	200W	795062

BH Code	Type	Voltage	Current/Watts	IMPA Code
E5012300	I-FLAT	220V	300W	795063
E5012501	I-FLAT	220V	500W	795064

### SOLDERING GUN



BH Code	Type	Voltage	Current/Watts	IMPA Code
E5028801	I-ROUND	110V	25/80W	795036*
E5028803	I-ROUND	110V	150W	
E5029902	I-ROUND	220V	20 - 200W	
E5029903	I-ROUND	220V	30W	
E5029904	I-ROUND	220V	60W	
E5029905	I-ROUND	220V	25/80W	795076*
E5029906	I-ROUND	220V	100W	

### ISO-TIP CORDLESS SOLDERING IRON W/CHARGER



BH Code	Voltage	IMPA Code
E5050110	110V	795001
E5050220	220V	

### SPARE TIP FOR CORDLESS SOLDERING IRON



BH Code	Type	IMPA Code
E5057535	REGULAR TIP #7535	795002
E5057545	FINE TIP #7545	795003
E5057546	HEAVY DUTY TIP #7546	795004
E5057566	MICRO TIP #7566	795005

### SOLDERING AID



BH Code	Type	IMPA Code
E5060010	GAS-REFILL SOLDERING IRON	
E5080010	RESIN CORED SOLDERING WIRE	795170
E5080020	SOLDERING BAR	795172
E5080030	SOLDERING PASTE 50GM	795174
E5080040	DESOLDERING GUN SOLDER SUCKER	795178
E5080041	SPARE NOZZLE FOR ABOVE	795179
E5080050	SOLDERING IRON HOLDER WITH CLEANER	795176
E5080060	SOLDERING WIG	

## Insulation Tapes

BH Code

Type

IMPA Code

D4068432

WITH 2 WHEELS AND ROTATING DRUM TO WIND UP TO 50M OF CABLE

### 3M TAPE



BH Code	Type	Size	IMPA Code
E6010010	3M PVC INSULATION TAPE - BLACK, BLUE, BROWN, GREEN, GREY, ORANGE, RED, YELLOW, WHITE	18mmX20M	795431
E6010020	3M PVC INSULATION TAPE GREEN/YELLOW	18mmX20M	
E6012300	3M #23 RUBBER SPLICING TAPE	19mmX9M	
E6012301	3M #23 RUBBER SPLICING TAPE	24mmX30FT	
E6012701	3M #27 GLASS CLOTH TAPE	12mmX20M	
E6012702	3M #27 GLASS CLOTH TAPE	19mmX20M	
E6013300	3M #33 VINYL ELECTRICAL TAPE - BLACK	19mmX20M	
E6013500BL	3M #35 VINYL ELECTRICAL TAPE - BLUE	19mmX20M	
E6013500BR	3M #35 VINYL ELECTRICAL TAPE - BROWN	19mmX20M	
E6013500GR	3M #35 VINYL ELECTRICAL TAPE - GREEN	19mmX20M	
E6013500GY	3M #35 VINYL ELECTRICAL TAPE - GREY	19mmX20M	
E6013500O	3M #35 VINYL ELECTRICAL TAPE - ORANGE	19mmX20M	
E6013500R	3M #35 VINYL ELECTRICAL TAPE - RED	19mmX20M	
E6013500W	3M #35 VINYL ELECTRICAL TAPE - WHITE	19mmX20M	
E6018800	3M #88 VINYL ELECTRICAL TAPE	19mmX20M	

## Work Gloves

### SOUTHWIRE WORK GLOVE



BH Code

Type

IMPA Code

J5300000

ELECTRICIAN'S WORK GLOVE

### INSULATION TAPE



BH Code	Type	Size	IMPA Code
E6010001	PVC INSULATION TAPE - BLACK, BLUE, BROWN, GREEN, GREY, ORANGE, RED, YELLOW, WHITE	3/4" X 10YDS	795433*
E6010002	PVC INSULATION TAPE - BLACK, BLUE, BROWN, GREEN, GREY, ORANGE, RED, YELLOW, WHITE	2" X 10YDS	
E6020101	RUBBER INSULATION TAPE	19mmX8M	
E6020102	NITTO RUBBER INSULATION TAPE	19mmX10M	795436
E6020201	COTTON INSULATION TAPE	1/2"	795421*
E6020202	COTTON INSULATION TAPE	3/4"	795422
E6020203	COTTON INSULATION TAPE	1"	795423
E6020301	MICA INSULATION TAPE	19mmX25M	795427
E6020302	MICA INSULATION TAPE	1"	
E6020401	EMPIRE INSULATION TAPE	3/4"	795441
E6020402	EMPIRE INSULATION TAPE	1"X30M	795442
E6025100	TEFLON TAPE	100X0.13mmX10M	795452

## Cable Carriers

### GEWISS CABLE CARRIER



BH Code	Type	IMPA Code
D4068431	WITH SUPPORT FOR CABLES UP TO 20M	

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### Marine Lightings & Electrical Equipment

All your Electric Marine Equipment needs in One



### Lighting Components System Solution

Satisfying your lighting needs with the perfect components

## Ballasts

### VOSSLOH FL BALLAST



BH Code	Watts	Voltage	Hz	IMPA Code
F1011120	20W	110V	60Hz	791555
F1011140	40W	110V	60Hz	791556
F1011165	65W	110V	60Hz	
F1012208	4/6/8W	220V	60Hz	
F1012210	10W	220V	60Hz	
F1012215	15W	220V	60Hz	
F1012220	20W	220V	60Hz	
F1012240	40W	220V	60Hz	791558
F1012265	65W	220V	60Hz	
F1012315	15W	230V	50Hz	
F1012320	20W	230V	50Hz	
F1012340	40W	230V	50Hz	
F1012365	65W	230V	50Hz	

### JAPAN FBM FL BALLAST



BH Code	Watts	Voltage	Hz	IMPA Code
F1051108	8W	115V	60Hz	791552
F1051110	10W	110V	60Hz	
F1051115	15W	100V	60Hz	791554
F1051120	20W	115V	60Hz	791555

### VOSSLOH PL BALLAST



BH Code	Watts	Voltage	Hz	IMPA Code
F1021209	7/9W	120V	60Hz	
F1022211	7/9/11W	220V	60Hz	
F1022213	13W	220V	60Hz	
F1022218	18W	220V	50Hz	
F1022311	7/9/11W	230V	50Hz	
F1022313	13W	230V	50Hz	
F1022318	18W	230V	50Hz	

### SUNLUX BALLAST



BH Code	Watts	Voltage	Hz	IMPA Code
F1031120	20W	110V	60Hz	791555
F1031140	40W	110V	60Hz	791556
F1032208	4/6/8W	220V	60Hz	
F1032210	10W	220V	60Hz	
F1032215	15W	220V	60Hz	
F1032220	20W	220V	60Hz	

BH Code	Watts	Voltage	Hz	IMPA Code
F1032240	40W	220V	60Hz	791558
F1041211	7/9/11W	120V	60Hz	
F1042211	7/9/11W	220V	60Hz	

### SUNLUX ELECTRONIC BALLAST



BH Code	Watts	Voltage	Hz	IMPA Code
F1100182	GDUV182FL 2X18W DIMMABLE BALLAST	100-240V	50/60Hz	
F1100362	GDUV362FL 2X36W DIMMABLE BALLAST	100-240V	50/60Hz	
F1100201	GFUV201FL 1X20W	100-240V	50/60Hz	
F1100202	GFUV202FL 2X20W	100-240V	50/60Hz	
F1100204	SFUV204FL 4X20W	100-240V	50/60Hz	
F1100401	GFUV401FL 1X40W	100-240V	50/60Hz	
F1100402	GFUV402FL 2X40W	100-240V	50/60Hz	
F1100581	EFUV581FL 1X58/65W	100-240V	50/60Hz	

### VOSSLOH ELECTRONIC BALLAST



BH Code	Watts	Voltage	Hz	IMPA Code
F1120158	1X58W	230V	50/60Hz	
F1120218	2X18W	230V	50/60Hz	
F1120236	2X36W	230V	50/60Hz	
F1120258	2X58W	220V	50/60Hz	
F1122208	1X4/6/8W	230V	50/60Hz	
F1122213	PLC13/18W	230V	50/60Hz	

### VOSSLOH DIMMABLE BALLAST



BH Code	Watts	Voltage	Hz	IMPA Code
F1124118	DIMMABLE 1XPL18W	220-240V	50/60Hz	
F1124218	DIMMABLE 2X18W	230V	50/60Hz	
F1124236	DIMMABLE 2X36W	230V	50/60Hz	
F1124300	DIMMER 1-10V & COVER	-	-	
F1126012	CONVERTER AC220V - 12V 60W	220V	-	

### RAPID START BALLAST



BH Code	Watts	Voltage	Hz	IMPA Code
F1152015	1X20W	120V	60Hz	
F1152025	2X20W	120V	60Hz	
F1154015	1X40W	120V	60Hz	

BH Code	Watts	Voltage	Hz	IMPA Code
F1154025	2X40W	120V	60Hz	
F1156021	2X60W	220V	60Hz	
F1162021	2X20W	220V	60Hz	
F1164011	1X40W	220V	60Hz	
F1164021	2X40W	220V	60Hz	

### EYE & SANWA MERCURY BALLASTS



BH Code	Watts	Voltage	Hz	IMPA Code
F1211103	300W	110V	60Hz	
F1211104	400W	110V	60Hz	
F1211107	700W	110V	60Hz	
F1211110	1000W	110V	60Hz	
F1212203	300W	220V	60Hz	
F1212204	400W	220V	60Hz	
F1212207	700W	220V	60Hz	
F1212210	1000W	220V	60Hz	
F1212304	400W	220V	50HZ	
F1212307	700W	220V	50HZ	
F1212310	1000W	220V	50Hz	
F1221124	2X400W	110V	60Hz	
F1222224	2X400W	220V	60HZ	

### SANSHIN W.T BALLAST



BH Code	Watts	Voltage	Hz	IMPA Code
<b>MERCURY W.T BALLAST</b>				
F1251102	SH2-RC1B 200W	110V	60Hz	
F1251103	SH3-RC1B 300W	110V	60Hz	
F1251104	SH4-RC1B 400W	110V	60Hz	
F1251107	SH7-RC1B 700W	110V	60Hz	
F1251110	SH10-RC1B 1000W	110V	60Hz	
F1252202	SH2-RC2B 200W	220V	60Hz	
F1252203	SH3-RC2B 300W	220V	60Hz	
F1252204	SH4-RC2B 400W	220V	60Hz	
F1252207	SH7-RC2B 700W	220V	60Hz	
F1252210	SH10-RC2B 1000W	220V	60Hz	
F1261124	SWH4-RC1B 2X400W	110V	60Hz	
F1262224	SWH4-RC2B 2X400W	220V	60Hz	
<b>SODIUM W.T BALLAST &amp; IGNITOR</b>				
F1271104	SNH4-TCP1B 400W	110V	60Hz	
F1271105	IGNITOR SNH4-TCP1B 400W	110V	60Hz	
F1271107	SNH7-TCP1B 700W	110V	60Hz	
F1271110	SNH10-TCP1B 1000W	110V	60Hz	
F1272204	SNH4-CCP2B 400W	220V	60Hz	
F1272207	SNH7-CCP2B 700W	220V	60Hz	
F1272210	SNH10-CCP2B 1000W	220V	60Hz	

### VOSSLOH SODIUM & METAL HALIDE BALLAST



BH Code	Watts	Voltage	Hz	IMPA Code
F1310152	VS NaHJ150 150W	220V	60Hz	
F1310153	VS NaHJ150 150W	220V	50Hz	
F1310252	VS NaHJ250 250W	220V	60Hz	
F1310253	VS NaHJ250 250W	230V	50Hz	
F1310402	VS NaHJ400 400W	220V	60Hz	
F1310403	VS NaHJ400 400W	230V	50Hz	
F1311002	VS NAHJD1000 1000W	220V	60Hz	
F1311003	VS NaHJ1000 1000W	230V	50Hz	
F1340401	VS CWA SODIUM BALLAST 400W	110V	60Hz	

### VOSSLOH MERCURY BALLAST



BH Code	Watts	Voltage	Hz	IMPA Code
F1320252	VS Q250 250W	220V	60Hz	
F1320253	VS Q250 250W	230V	50Hz	
F1320402	VS Q400 400W	220V	60Hz	
F1320403	VS Q400 400W	230V	50Hz	
F1321002	V.S. Q1000 1000W	220V	60Hz	
F1321003	V.S. Q1000 1000W	230V	50Hz	

### MULTI-TAP BALLAST



BH Code	Watts	Voltage	Hz	IMPA Code
<b>SODIUM BALLAST &amp; CAPACITOR</b>				
F1380007	S70MLTLC3M500C 70W	120/208/240/277V	60Hz	
F1380015	S150MLTLC3M500C 150W	120/208/240/277V	60Hz	
F1380025	S250ML-5AC4M-500C 250W	120/208/240/277/480V	60Hz	
F1380040	S400ML5AC4M-500C 400W	120/208/240/277/480V	60Hz	
F1380100	S1000ML5AC5M500C 1000W	120/208/240/277/480V	60Hz	
F1380045	UNIVERSAL 005-1422-MF CAPACITOR FOR S400ML	-	60Hz	
<b>METAL HALIDE BALLAST</b>				
F1390015	M150MTLC3M500K 150W	120/208/240/277V	60Hz	
F1390025	M250ML5AC3M-500C 250W	120/208/240/277/480V	60Hz	
F1390040	M400ML5AC4M-500C 400W	120/208/240/277/480V	60Hz	
F1390100	M1000ML5AC5M-500C 1000W	120/208/240/277/480V	60Hz	

## Ignitors

### IGNITOR



BH Code	Type	IMPA Code
F1410040	HPS LAMP IGNITOR VS Z400M	
F1410041	VS140597 HPS LAMP IGNITOR Z400MK PLASTIC CASING	791223
F1410100	HPS LAMP IGNITOR Z1000	791222
F1411015	SODIUM IGNITOR HPS150-3A	
F1411040	SODIUM IGNITOR HPS400-3A	
F1411100	SODIUM IGNITOR HPS1000-4B	

## Capacitors

### VOSSLOH CAPACITORS



BH Code	Type	Casing	IMPA Code
F1430004	VS40934 4.0UF 25X70mm	PVC	
F1430008	VS40941 8.0UF 30X70mm	PVC	
F1430020	VS41056 20uF	ALUMINIUM	
F1430025	VS41057 25uF	ALUMINIUM	
F1430033	VS41262 32uF 35X103mm	ALUMINIUM	
F1430035	VS41051 35uF 40X135mm	ALUMINIUM	
F1430041	VS41052 40uF 40X135mm	ALUMINIUM	
F1430045	VS41265 45uF 40X103mm	ALUMINIUM	
F1430050	VS41059 50uF	ALUMINIUM	
F1430060	VS41060 60uF	ALUMINIUM	

## Starters

### FLUORESCENT STARTER



BH Code	Type	Brand	IMPA Code
F1450001	FG-1P, 15-30W	SUNLUX	791504
F1450004	FG-4P, 40W	SUNLUX	791505
F1450007	FG-7P, 4-10W	SUNLUX	791503
F1450101	FG-1E	-	791502
F1450107	FG-7E	-	791501
F1450202	FS-2, 4-22W	SUNLUX	
F1450210	FSU, 4-80W	SUNLUX	
F1450302	S-2, 4-22W	PHILIPS	
F1450310	S-10, 4-65W	PHILIPS	
F1450312	S-12, 80-140W	PHILIPS	

## Fluorescent Lamp Holders

### FLUORESCENT LAMP HOLDERS



BH Code	Type	IMPA Code
F1510015	FL-L FL LAMPHOLDER	791525
F1510025	T-3 (T-09) FL LAMP HOLDER	791533
F1510031	T16SL FL LAMP HOLDER	791532



F1510032	L-K FL LAMP HOLDER	
F1510033	T-33 SPRING LOADED LAMP HOLDER	791526
F1510060	ZS-22 FL LAMP HOLDER	791528



F1510035	WT-1 WT FL LAMP HOLDER	791536
F1510041	WT-11S WT FL LAMP HOLDER	
F1510042	WT-3 WT FL LAMP HOLDER	
F1510044	WT-47SL WT SOLDERLESS FL LAMP HOLDER	791535



F1510066	FL LAMP HOLDER SPRING LOAD 600V	791529
F1510216	DT-216 FL LAMP HOLDER W/BACKET	
F1511521	FL LAMP HOLDER	791521
F1511522	FL LAMP HOLDER	791522



F1520005	285 FL. LAMP HOLDER 8 W	
C1022007	DTS LAMP HOLDER WITH STARTER BASE FOR XFF, XFR, XFP, FR, FF (PART OF GEAR TRAY - D007)	
C1022010	DTS LAMP HOLDER FOR XFF-XFR-XFP (P/N: D010)	



F1804800	VS04800 WITH STARTER BASE	
F1804801	VS04801 W/O STARTER BASE	
F1809105	VS09105 8W	
F1809205	VS09205 8W	



F1827700	VS27700 W/O STARTER BASE	
F1827800	VS27800 WITH STARTER BASE	
F1828100	VS28100 W/O STARTER BASE	
F1828200	VS28200 WITH STARTER HOLDER	



F1828500	VS28500 W/O STARTER HOLDER	
F1828600	VS28600 WITH STARTER HOLDER	
F1828920	VS28920 WITH STARTER HOLDER	
F1828921	VS28921 W/O STARTER HOLDER	



F1847106	VS47106 W/O STARTER BASE	791538
F1847206	VS47206 WITH STARTER BASE	791537
F1847505	VS47505 W/O STARTER HOLDER (9.5mm)	
F1847605	VS47605 WITH STARTER HOLDER (9.5mm)	
F1847506	VS47506 SPRING W/O STARTER HOLDER (9.5mm)	
F1847606	VS47606 WITH STARTER HOLDER WITH SPRING (9.5mm)	



F1848500	VS48500	
F1848501	VS48501 WITH SPRING	
F1848503	VS48503 WITH BRACKET	
F1850000	VS46101 WITH LOCKING	
F1860010	VS71510 PLC-4P 13/18W	

## Starter Holders/Terminal Blocks

### FLOURESCENT LAMP STARTER HOLDER



BH Code	Type	IMPA Code
F1870010	VS02150 FIXING HOLES FOR SCREWS	
F1870011	VS02110 FRONT & REAR SPLIT PINS	
F1520001	G43SL-P SINGLE	
F1520002	G43WSL DOUBLE	

### TERMINAL BLOCK



BH Code	Type	IMPA Code
F1940710	40710 3 POLE WITH EARTH SPIKE	
F1940711	41520 3 POLE WITH EARTH CONNECTION	
F1940731	40731 5 POLE WITH EARTH CONNECTION	

## Lamp Holders

### FLANGE TYPE HOLDER



BH Code	Type	IMPA Code
F2101202	FE-12 BAKELITE	793501

BH Code	Type	IMPA Code
F2101402	FE-14 BAKELITE	793503
F2101502	FB-15 BAKELITE	793502
F2102202	FB-22 PORCELAIN	793505



F2102602	PORCELAIN FE-26	793504
F2103902	FE39B BRASS	793506
F2112603	GE-26 BAKELITE LAMP HOLDER WITH BRIM	793510

### TUBULAR TYPE HOLDER



BH Code	Type	IMPA Code
F2122202	TB-22 PORCELAIN	793508
F2122602	TE-26 PORCELAIN	793507
F2123902	TE-40 PORCELAIN	793909
F2123903	VS12870 E39 PORCELAIN	793909

### SOCKET REDUCING ADAPTOR



BH Code	Type	IMPA Code
F2124002	E40-E27	793540
F2124011	E39-E11 FOR JDW39	

### LAMP HOLDERS WITH BRACKET



BH Code	Type	IMPA Code
F2132701	VS62050 E27 PORCELAIN LAMP HOLDER	
F2132702	VS102593 E27 PORCELAIN LAMP HOLDER WITH BRACKET (63mm)	
F2134001	VS12800 E40 PORCELAIN LAMP HOLDER	
F2134002	VS12810 PORCELAIN LAMP HOLDER E40 WITH BRACKET	

### PORCELAIN HOLDERS FOR HAND LAMP



BH Code	Type	IMPA Code
F2150022	B22	
F2150027	E27	

## BAYONET TYPE HOLDERS WITH THREAD BUSHING



BH Code	Type	IMPA Code
F2181500	BRASS B15D M10	793516
F2182200	BRASS B22 M10	
F2202201	B22 BRASS 3/8"	793517
F2202203	B22 BRASS 5/8"	793519

## SCREW TYPE HOLDERS WITH THREAD BUSHING



BH Code	Type	IMPA Code
F2181400	BRASS E14 M10	
F2182700	BRASS E27 M10	793520
F2184000	WISKA BRASS E40 3/8"	793521

## BAYONET TYPE HOLDERS WITH BACK PLATE



BH Code	Type	IMPA Code
F2201500	B15D BRASS BATTEN	
F2202200	B22 BRASS BATTEN	

## BAYONET TYPE HOLDERS WITH MOUNTING LUG



BH Code	Type	IMPA Code
F2181502	BRASS B15-2 LUGS	793524
F2182202	BRASS B22-2 LUGS	793525
F2182203	BRASS B22-3 LUGS	793528

## E27 BRASS LAMP HOLDER



BH Code	Type	IMPA Code
F2181402	BRASS LAMP HOLDER E14-2 LUGS	793526
F2182702	BRASS LAMP HOLDER E27-2 LUGS	793527
F2182703	BRASS LAMP HOLDER E27-3 LUGS	793529

## LAMP HOLDER



BH Code	Type	IMPA Code
F2278100	V.S. 78100 B15D	
F2278102	V.S. 78102 B15D WITH L-BRACKET	
F2502500	VS02500 FC2 CERAMIC LAMP HOLDER	

## Searchlight Lamp Holders

### SEARCHLIGHT LAMP HOLDER



BH Code	Type	IMPA Code
F2510009	SEARCHLIGHT LAMP HOLDER GX9.5	
F2510016	SEARCHLIGHT LAMP HOLDER GY16	
F2510038	SEARCHLIGHT LAMP HOLDER G38	

## Navigation Light Lamp Holders

### NAVIGATION LIGHT LAMP HOLDERS



BH Code	Type	IMPA Code
F2521501	BAY15D	
F2522801	P28S	

## Halogen Lamp Holders

### HALOGEN LAMP HOLDER



BH Code	Type	IMPA Code
F2710020	1000W WITH MOUNTING BASE	
F2710030	1000W W/O MOUNTING BASE	793532
F2710040	BUTTERFLY TYPE	793531
F2710010	R7s WITH BRACKET 117mm 500W	793530
F2720117	R7s WITH BRACKET 117mm	
F2720189	R7s WITH BRACKET 189mm	

## Glass Globes/Guards

### GLASS GLOBES FOR FITTING SCREW TYPE



BH Code	Type	Colour	Dimension	IMPA Code
F3010571	S57A	CLEAR	57 X 75mm	792081
F3010572	S57AG	GREEN	57 X 75mm	
F3010573	S57AR	RED	57 X 75mm	
F3010801	S80A	CLEAR	80 X 90mm	792082
F3010901	S90A	CLEAR	82 X 150mm	792083
F3010902	S90AYR	YELLOW	82 X 150mm	792087



BH Code	Type	Colour	Dimension	IMPA Code
F3010903	S90AB	BLUE	82 X 150mm	792084
F3010904	S90AG	GREEN	82 X 150mm	792085
F3010905	S90AR	RED	82 X 150mm	792086
F3011200	S120A	CLEAR	120 X 175mm	792089
F3011351	S135A	CLEAR	136 X 220mm	792090

### GLASS GLOBES FOR FITTING FLANGLE TYPE



BH Code	Type	Colour	Dimension	IMPA Code
F3020901	F90A	CLEAR	90 X 150mm	792071
F3020902	F90AY	AMBER	90 X 150mm	792075
F3020903	F90AB	BLUE	90 X 150mm	792072
F3020904	F90AG	GREEN	90 X 150mm	792073
F3020905	F90AR	RED	90 X 150mm	792074
F3050175	F175	CLEAR	175 X 60mm	792076
F3071990	#1990	CLEAR	64 X 73mm	
F3081900	1900/oT	CLEAR	94 X 115mm	
F3081901	1900 W/DRIP HOLE	CLEAR	94 X 115mm	
F3081902	1900/oT/Y	YELLOW	94 X 115mm	
F3081903	1900/oT/B	BLUE	94 X 115mm	
F3081904	1900/oT/G	GREEN	94 X 115mm	
F3081905	1900/oT/R	RED	94 X 115mm	

### WISKA GLASS GLOBES FOR FITTING



BH Code	Type	Colour	Dimension	IMPA Code
F3091907	#1907	CLEAR	132 X 160mm	
F3119310	1931/CR PC	CLEAR	100 X 118mm	
F3119311	1931/CR PC	YELLOW	100 X 118mm	
F3119312	1931/CR PC	BLUE	100 X 118mm	
F3119313	1931/CR PC	GREEN	100 X 118mm	
F3119314	1931/CR PC	RED	100 X 118mm	
F3119320	1931/CR/L MARKALON	CLEAR	100 X 185mm	

### WISKA GLASS GLOBES FOR FITTING



BH Code	Type	Colour	Dimension	IMPA Code
F3120800	2080 STRUCTURED	CLEAR	105 X 190mm	
F3120801	2080 STRUCTURED	YELLOW	105 X 190mm	
F3120802	2080 STRUCTURED	BLUE	105 X 190mm	
F3120803	2080 STRUCTURED	GREEN	105 X 190mm	
F3120804	2080 STRUCTURED	RED	105 X 190mm	

### GLASS GLOBES FOR FITTING



BH Code	Type	Colour	Dimension	IMPA Code
F3140101	SWEDISH	CLEAR	98 X 160mm	
F3140102	SWEDISH	GREEN	98 X 160mm	
F3140103	SWEDISH	RED	98 X 160mm	

### GLASS GLOBES & GUARDS FOR RUBBER HANDLAMP



BH Code	Type	Colour	Dimension	IMPA Code
F3150403	GSH-402 GLASS GLOBE	CLEAR	80 X 102mm	
B5500011	METAL GUARD	-	-	

### GUARD



BH Code	Type	Material	IMPA Code
F3201017	#gk-1017 HNA	BRASS	
F3210057	P601 FOR P1S1M	POLYCARBONATE	
F3210080	GN-1 (107 X 91mm)	POLYCARBONATE	
F3210090	GN-2 (107 X 156mm)	POLYCARBONATE	
F3220080	GS-2SH	BRASS CHROMED	
F3220090	GS-2	BRASS CHROMED	
F3220120	GS-3	BRASS CHROMED	

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# SUNLUX<sup>®</sup>

**The Right Lamp for your  
Perfect Lightings**

Available in Different Types and Voltages



## Rough Service Lamps

### ROUGH SERVICE LAMP B22 (FROSTED)



BH Code	Voltage	Current/Watts	IMPA Code
G0101881	110 - 130V	25W	790143
G0101882	110 - 130V	40W	790145
G0101883	110 - 130V	60W	790146
G0101884	110 - 130V	75W	790147
G0101885	110 - 130V	100W	790148
G0101886	110 - 130V	150W	790149
G0101887	110 - 130V	200W	790150
G0101991	220 - 240V	25W	790163
G0101992	220 - 240V	40W	790165
G0101993	220 - 240V	60W	790166
G0101994	220 - 240V	75W	790167
G0101995	220 - 240V	100W	790168
G0101996	220 - 240V	150W	790169
G0101997	220 - 240V	200W	790170

### ROUGH SERVICE LAMP B22 (CLEAR)



BH Code	Voltage	Current/Watts	IMPA Code
G0102881	110 - 130V	25W	790202
G0102882	110 - 130V	40W	790204
G0102883	110 - 130V	60W	790205
G0102884	110 - 130V	75W	790206
G0102885	110 - 130V	100W	790207
G0102886	110 - 130V	150W	790208
G0102887	110 - 130V	200W	790209
G0102991	220 - 240V	25W	790217
G0102992	220 - 240V	40W	790219
G0102993	220 - 240V	60W	790220
G0102994	220 - 240V	75W	790221
G0102995	220 - 240V	100W	790222
G0102996	220 - 240V	150W	790223
G0102997	220 - 240V	200W	790224

### ROUGH SERVICE LAMP E27 (FROSTED)



BH Code	Voltage	Current/Watts	IMPA Code
G0103881	110 - 130V	25W	790103
G0103882	110 - 130V	40W	790105
G0103883	110 - 130V	60W	790106
G0103884	110 - 130V	75W	790107
G0103885	110 - 130V	100W	790108
G0103886	110 - 130V	150W	790109
G0103887	110 - 130V	200W	790110
G0103991	220 - 240V	25W	790123
G0103992	220 - 240V	40W	790125
G0103993	220 - 240V	60W	790126
G0103994	220 - 240V	75W	790127
G0103995	220 - 240V	100W	790128
G0103996	220 - 240V	150W	790129

BH Code	Voltage	Current/Watts	IMPA Code
G0103997	220 - 240V	200W	790130

### ROUGH SERVICE LAMP E27 (CLEAR)



BH Code	Voltage	Current/Watts	IMPA Code
G0104881	110 - 130V	25W	790182
G0104882	110 - 130V	40W	790184
G0104883	110 - 130V	60W	790185
G0104884	110 - 130V	75W	790186
G0104885	110 - 130V	100W	790187
G0104886	110 - 130V	150W	790188
G0104887	110 - 130V	200W	790189
G0104991	220 - 240V	25W	790192
G0104992	220 - 240V	40W	790194
G0104993	220 - 240V	60W	790195
G0104994	220 - 240V	75W	790196
G0104995	220 - 240V	100W	790197
G0104996	220 - 240V	150W	790198
G0104997	220 - 240V	200W	790199

## Standard Lamps

### STANDARD LAMP B22 (FROSTED)



BH Code	Voltage	Current/Watts	IMPA Code
G0105881	110 - 130V	25W	
G0105882	110 - 130V	40W	
G0105883	110 - 130V	60W	
G0105884	110 - 130V	75W	
G0105885	110 - 130V	100W	
G0105991	220 - 240V	25W	
G0105992	220 - 240V	40W	
G0105993	220 - 240V	60W	
G0105994	220 - 240V	75W	
G0105995	220 - 240V	100W	

### STANDARD LAMP B22 (CLEAR)



BH Code	Voltage	Current/Watts	IMPA Code
G0106881	110 - 130V	25W	
G0106882	110 - 130V	40W	
G0106883	110 - 130V	60W	
G0106884	110 - 130V	75W	
G0106885	110 - 130V	100W	
G0106886	110 - 130V	150W	
G0106887	110 - 130V	200W	
G0106991	220 - 240V	25W	
G0106992	220 - 240V	40W	
G0106993	220 - 240V	60W	
G0106994	220 - 240V	75W	

BH Code	Voltage	Current/Watts	IMPA Code	BH Code	Voltage	Current/Watts	IMPA Code
G0106995	220 - 240V	100W		G0109242	24V	25W	790482*
G0106996	220 - 240V	150W		G0109244	24V	40W	790484
G0106997	220 - 240V	200W		G0109246	24V	60W	790485

### STANDARD LAMP E27 (FROSTED)



BH Code	Voltage	Current/Watts	IMPA Code
G0107881	110 - 130V	25W	
G0107882	110 - 130V	40W	
G0107883	110 - 130V	60W	
G0107884	110 - 130V	75W	
G0107885	110 - 130V	100W	
G0107886	110 - 130V	150W	
G0107887	110 - 130V	200W	
G0107991	220 - 240V	25W	
G0107992	220 - 240V	40W	
G0107993	220 - 240V	60W	
G0107994	220 - 240V	75W	
G0107995	220 - 240V	100W	
G0107996	220 - 240V	150W	
G0107997	220 - 240V	200W	

### STANDARD LAMP E27 (CLEAR)



BH Code	Voltage	Current/Watts	IMPA Code
G0108881	110 - 130V	25W	
G0108882	110 - 130V	40W	
G0108883	110 - 130V	60W	
G0108884	110 - 130V	75W	
G0108885	110 - 130V	100W	
G0108886	110 - 130V	150W	
G0108887	110 - 130V	200W	
G0108991	220 - 240V	25W	
G0108992	220 - 240V	40W	
G0108993	220 - 240V	60W	
G0108994	220 - 240V	75W	
G0108995	220 - 240V	100W	
G0108996	220 - 240V	150W	
G0108997	220 - 240V	200W	
G0108998	220 - 240V	300W	

## Emergency Battery Lamps

### BATTERY LAMP B22 (CLEAR)



BH Code	Voltage	Current/Watts	IMPA Code
G0109122	12V	25W	790472*
G0109124	12V	40W	790474
G0109126	12V	60W	790475
G0109129	12V	100W	790476

### BATTERY LAMP E27 (CLEAR)



BH Code	Voltage	Current/Watts	IMPA Code
G0110122	12V	25W	790452*
G0110124	12V	40W	790454
G0110126	12V	60W	790455
G0110129	12V	100W	790456
G0110242	24V	25W	790462*
G0110244	24V	40W	790464
G0110246	24V	60W	790465
G0110249	24V	100W	790466
G0110324	32V	40W	
G0110326	32V	60W	
G0110364	36V	40W	
G0110366	36V	60W	
G0110426	42V	60W	
G0110429	42V	100W	
G0110504	50V	40W	
G0110506	50V	60W	
G0110509	50V	100W	

### BATTERY LAMP E27 (FROSTED)



BH Code	Voltage	Current/Watts	IMPA Code
G0111244	24V	40W	
G0111246	24V	60W	
G0111249	24V	100W	

## Rough Service/Standard Lamp E40

### ROUGH SERVICE LAMP E40 (CLEAR)



BH Code	Voltage	Current/Watts	IMPA Code
G0114881	100 - 120V	300W	
G0114882	100 - 120V	500W	
G0114883	100 - 120V	1000W	
G0114991	220 - 240V	300W	
G0114992	220 - 240V	500W	

BH Code	Voltage	Current/Watts	IMPA Code
G0114993	220 - 240V	1000W	

### STANDARD LAMP E40 (CLEAR)



BH Code	Voltage	Current/Watts	IMPA Code
G0115881	110 - 130V	300W	790241
G0115882	110 - 130V	500W	790242
G0115883	110 - 130V	1000W	790243
G0115991	220 - 240V	300W	790246
G0115992	220 - 240V	500W	790247
G0115993	220 - 240V	1000W	790248

## Colour Lamps

### COLOUR LAMP E27



BH Code	Colour	Voltage	Current/Watts	IMPA Code
G0121881	Blue	110V	40W	
G0121882	Green	110V	40W	790307
G0121883	Red	110V	40W	790302
G0121884	Yellow	110V	40W	790312
G0121991	Blue	220V	40W	
G0121992	Green	220V	40W	790322
G0121993	Red	220V	40W	790317
G0121994	Yellow	220V	40W	790327
G0121995	Orange	220V	40W	
G0122881	Blue	110V	60W	
G0122882	Green	110V	60W	790308
G0122883	Red	110V	60W	790303
G0122884	Yellow	110V	60W	790313
G0122991	Blue	220V	60W	
G0122992	Green	220V	60W	790323
G0122993	Red	220V	60W	790318
G0122994	Yellow	220V	60W	790328

## Navigation Lamps

### TUBULAR NAVIGATION LAMP BAY15D



BH Code	Voltage	Current/Watts	IMPA Code
G0130121	12V	10W	790418
G0130122	12V	25W	790420
G0130241	24V	10W	790425
G0130242	24V	25W	790435
G0130244	24V	40W	
G0130884	110V	40W	
G0130992	220V	25W	
G0130994	220V	40W	

### TUBULAR NAVIGATION LAMP B22



BH Code	Voltage	Current/Watts	IMPA Code
G0131241	24V	26CD	790439
G0131244	24V	65CD	790441
G0131245	24V	40W	
G0131246	24V	60W	
G0131881	110V	26CD	790443
G0131884	110V	65CD	790444
G0131885	110V	40W	790426
G0131886	110V	60W	790427
G0131991	220V	26CD	790446
G0131992	220V	35CD	790447
G0131993	220V	50CD	
G0131994	220V	65CD	790448
G0131995	220V	40W	790428
G0131996	220V	60W	790429

### TUBULAR NAVIGATION LAMP E27



BH Code	Voltage	Current/Watts	IMPA Code
G0132241	24V	26CD	790407
G0132244	24V	65CD	
G0132245	24V	40W	
G0132246	24V	60W	
G0132881	110V	26CD	790408
G0132884	110V	65CD	790409
G0132885	110V	40W	790421
G0132886	110V	60W	790422
G0132991	220V	26CD	790410
G0132994	220V	65CD	790417
G0132995	220V	40W	790423
G0132996	220V	60W	790424

### TUBULAR NAVIGATION LAMP P28S



BH Code	Voltage	Current/Watts	IMPA Code
G0133121	12V	40W	
G0133241	24V	40W	790449
G0133242	24V	60W	
G0133881	110V	40W	790431
G0133882	110V	60W	790432
G0133991	220V	40W	790433
G0133992	220V	65W	790434

## SIL TUBULAR NAVIGATION LAMP



BH Code	Base	Voltage	Current/Watts	IMPA Code
G0135121	BAY15D	12V	10W	790418
G0135122	BAY15D	12V	25W	790420
G0135241	BAY15D	24V	10W	790425
G0135242	BAY15D	24V	25W	790435
G0136244	B22	24V	40W	
G0136886	B22	110V	60W	790427
G0136888	B22	110V	80W	
G0136996	B22	220V	65W	790429*
G0136998	B22	220V	85W	
G0137244	E27	24V	40W	
G0137886	E27	110V	60W	790422
G0137996	E27	220V	65W	790424*

## VSL LONG LIFE NAVIGATION LAMP E27



BH Code	Voltage	Current/Watts	Life Span	IMPA Code
G0144881	110V	40W	8000HR	790403
G0144882	110V	60W	8000HR	790404
G0144991	235V	40W	8000HR	790405
G0144992	235V	60W	8000HR	790406
G0144993	235V	60W	15000HR	
G0144995	235V	100W	8000HR	

## PHILIPS TUBULAR NAVIGATION LAMP



BH Code	Base	Voltage	Current/Watts	IMPA Code
G0138242	BAY15D	24V	25W	790435
G0139244	P28S	24V	40W	790449
G0139886	P28S	110V	60W	790432
G0139996	P28S	220V	65W	790434
G0139998	P28S	220V	85W	

## LED FILAMENT NAVIGATION LAMP



BH Code	Base	Voltage	Current/Watts	Life Span	IMPA Code
G0146022	B22	240V	7W	15000HR	
G0146027	E27	240V	7W	15000HR	
G0146028	P28s	240V	7W	15000HR	
G0146127	E27	240V	7W	15000HR	

## Compass/Signal/Smoke Detector/Buoy Lamps

### MAGNETIC COMPASS LAMP (FROSTED)



BH Code	Base	Voltage	Current/Watts	IMPA Code
G0160124	B15D	24V	40W	
G0160188	B15D	110V	40W	
G0160199	B15D	220V	40W	

### PS-TYPE NAVIGATION LAMP B22



BH Code	Voltage	Current/Watts	IMPA Code
G0141241	24V	40W	790411
G0141242	24V	60W	790412
G0141881	110V	40W	790413
G0141882	110V	60W	790414
G0141991	220V	40W	790415
G0141992	220V	60W	790416

### ALDIS SIGNAL LAMP



BH Code	Base	Voltage	Current/Watts	IMPA Code
G0161260	P15D	12V	60W	
G0162460	P15D	24V	60W	

### PS-TYPE NAVIGATION LAMP E27



BH Code	Voltage	Current/Watts	IMPA Code
G0142241	24V	40W	790401
G0142242	24V	60W	790402
G0142880	110V	20W	
G0142881	110V	40W	790403
G0142882	110V	60W	790404
G0142883	110V	100W	
G0142990	220V	20W	
G0142991	220V	40W	790405
G0142992	220V	60W	790406
G0142993	220V	100W	

### SIGNAL LAMP



BH Code	Base	Voltage	Current/Watts	IMPA Code
G0163124	BA20D	12V	100W	
G0163241	BA20D	24V	35W	
G0163242	BA20D	24V	75W	
G0163244	BA20D	24V	100W	

## WISKA SIGNAL LAMP



BH Code	Voltage	Current/Watts	IMPA Code
G0163248	24V	35W	

BH Code	Dimension	Voltage	Current/Watts	IMPA Code
G0200134	T1-3/4	36V	20mA	
G0200135	T1-3/4	36V	30mA	
G0200136	T1-3/4	36V	40mA	
G0200148	T1-3/4	48V	25mA	
G0200160	T1-3/4	60V	20mA	

## SMOKE DETECTOR LAMP



BH Code	Base	Voltage	Current/Watts	IMPA Code
G0164122	BA20S	12V	45W	
G0164242	BA20S	24V	35W	
G0165122	P30D	12V	25W	

## BI PIN BASE LAMP



BH Code	Dimension	Voltage	Current/Watts	IMPA Code
G0200312	T1	12V	50mA	
G0200328	T1	28V	24mA	
G0200412	T1-3/4	12V	40mA	
G0200418	T4.2	18V	0.6W	
G0200426	T4.2	28V	0.6W	
G0200428	T1-3/4	28V	40mA	
G0200432	T1-3/4	32V	33mA	
G0200436	T1-3/4	36V	40mA	
G0200448	T1-3/4	48V	20mA	

## BUOY LAMP



BH Code	Base	Voltage	Current/Watts	IMPA Code
G0166055	P30S	12V	0.55A	
G0166115	P30S	12V	1.15A	
G0166190	P30S	12V	1.9A	

## OL LAMP



BH Code	Type	Voltage	Current/Watts	IMPA Code
G0200528	OL-387BPR	28V	40mA	
G0200540	OL-5017PBB	28V	40mA	
G0200542	OL-1111TPL	14V	65mA	
G0200544	OL-6838TPL	28V	24mA	
G0200546	OL-6534	-	-	
G0200548	OL-5006NW	12V	40mA	
G0210115	OL-6003MB, BA55 15V		37mA	

## Miniature/Pilot Lamps

### MIDGET FLANGED (MF) BASE LAMP



BH Code	Dimension	Voltage	Current/Watts	IMPA Code
G0200002	T1-3/4	2.5V	0.35A	
G0200006	T1-3/4	6V	100mA	790701
G0200007	T1-3/4	6V	200mA	790702
G0200014	T1-3/4	14V	80mA	790704
G0200018	T1-3/4	18V	40mA	790705*
G0200024	T1-3/4	24V	50mA	
G0200026	T1-3/4	28V	25mA	790706
G0200028	T1-3/4	28V	40mA	790707
G0200036	T1-3/4	36V	30mA	
G0200048	T1-3/4	48V	25mA	
G0200060	T1-3/4	60V	20mA	
G0200088	T1-3/4	110V	-	
G0200205	T1	5V	60mA	
G0200228	T1	28V	24mA	
G0200229	T1-1/4	28V	40mA	

### S5.5-K MINIATURE LAMP



BH Code	Voltage	Current/Watts	IMPA Code
G0200606	6V	0.6W	790721
G0200612	12V	0.6W	790722
G0200618	18V	0.6W	790723
G0200624	24V	0.6W	790724
G0200628	28V	0.6W	790725

### MIDGET GROOVED (MG) BASE LAMP



BH Code	Dimension	Voltage	Current/Watts	IMPA Code
G0200106	T1-3/4	6V	200mA	790711
G0200114	T1-3/4	14V	80mA	790712
G0200128	T1-3/4	28V	40mA	790713

### S5.5-0 MINIATURE LAMP



BH Code	Voltage	Current/Watts	IMPA Code
G0200631	14V	0.05A	790716
G0200632	18V	0.05A	790717
G0200633	28V	0.04A	790718

## H-SHAPE MINIATURE LAMP



BH Code	Voltage	Current/Watts	IMPA Code
G0200650	28V	-	

## TAUNUS LAMP



BH Code	Voltage	Current/Watts	IMPA Code
	<b>T4.5X16</b>		
G0201001	6V	100mA	
G0201002	12V	40mA	790824
G0201003	24V	20mA	790825
G0201004	24V	40mA	790826
G0201005	24V	50mA	790827
G0201006	28V	20mA	
G0201007	28V	40mA	
G0201008	30V	40mA	790828

## WEDGE LAMP



BH Code	Voltage	Current/Watts	IMPA Code
G0200706	6V	200mA	
G0200712	12V	1.2W	
G0200724	24V	50mA	
G0200728	24/30V	24mA	

	<b>T4.6X22</b>		
G0201065	6V	50mA	790830
G0201124	12V	40mA	790832
G0201242	24V	20mA	790750
G0201244	24V	40mA	790751
G0201245	24V	50mA	790833
G0201284	28V	40mA	
G0201302	30V	20mA	790752
G0201304	30V	40mA	790753
G0201305	30V	50mA	
G0201362	36V	20mA	790834
G0201482	48V	20mA	790835
G0201602	60V	20mA	790836

## WIRE TERMINAL LAMP



BH Code	Voltage	Current/Watts	IMPA Code
G0200801	12V	-	
G0200802	24V	-	
G0200803	28V	-	

	<b>T5.5X22</b>		
G0202242	24V	20mA	790839
G0202244	24V	40mA	
G0202245	24V	50mA	790840
G0202284	28V	40mA	
G0202302	30V	20mA	
G0202304	30V	40mA	790841*
G0202362	36V	20mA	
G0202484	48V	40mA	
G0202602	60V	20mA	
G0202604	60V	40mA	

## FESTOON LAMP



BH Code	Voltage	Current/Watts	IMPA Code
G0200812	12V	-	
G0200824	24V	-	
G0200825	24V	2W	
G0200826	26V	1W	

	<b>T5.5X30</b>		
G0203065	6V	50mA	790842*
G0203123	12V	30mA	
G0203125	12V	50mA	790845*
G0203242	24V	20mA	790756
G0203244	24V	40mA	790847
G0203245	24V	50mA	790757

## MINIATURE LAMP



BH Code	Type	Voltage	Current/watts	IMPA Code
G0200827	28ESB	28V	40mA	
G0200828	28PSB	28V	40mA	
G0200830	120PSB	120V	25mA	
G0200831	24MB	24V	-	
G0200832	120MB	120V	35mA	
G0200915	TYPE L	15V	20mA	790731
G0200930	TYPE L	30V	30mA	790732
G0200940	TYPE NH	28V	22mA	790735

G0203282	28V	20mA	
G0203284	28V	40mA	790849
G0203302	30V	20mA	790758
G0203304	30V	40mA	790759
G0203305	30V	50mA	790760
G0203362	36V	20mA	790851
G0203364	36V	40mA	790852
G0203482	48V	20mA	790854
G0203484	48V	40mA	790856
G0203602	60V	20mA	790858
G0203604	60V	40mA	
G0203702	70V	20mA	

	<b>T6.8X45</b>		
G0204065	6V	50mA	790860*
G0204124	12V	40mA	
G0204125	12V	50mA	790862
G0204242	24V	20mA	790766
G0204243	24V	30mA	790864*



BH Code	Voltage	Current/Watts	IMPA Code
G0204244	24V	40mA	790767
G0204245	24V	50mA	790768
G0204249	24V	90mA	790770
G0204284	28V	40mA	790866*
G0204302	30V	20mA	
G0204304	30V	40mA	790771
G0204305	30V	50mA	790867
G0204309	30V	90mA	790772
G0204364	36V	40mA	790869
G0204482	48V	20mA	790871
G0204484	48V	40mA	790872*
G0204602	60V	20mA	790873
G0204604	60V	40mA	790874
G0204605	60V	50mA	

## BA9S PILOT LAMP



BH Code	Voltage	Current/Watts	IMPA Code
<b>G11X23</b>			
G0212002	2.5V	0.5A	
G0212006	6.3V	1W	790671
G0212012	12V	1W	
G0212018	18V	1W	
G0212024	24V	1W	790675
G0212030	30V	1W	790676
G0212048	48V	1W	
<b>T9X23</b>			
G0212106	6.3V	1W	
G0212112	12V	1W	
G0212124	24V	50mA	790640
G0212125	24V	1W	
G0212126	24V	2W	790646*
G0212130	30V	1W	
G0212131	30V	2W	790648
G0212188	120V	3W	
G0212189	130V	20mA	
G0212198	230V	2.4W	
G0212199	230V	3W	

## E5 PILOT LAMP



BH Code	Voltage	Current/Watts	IMPA Code
G0210002	2.5V	-	
G0210006	6V	40mA	
G0210012	12V	-	
G0210014	14V	50mA	
G0210024	24V	40mA	
G0210028	28V	40mA	

<b>T10X28</b>			
G0212202	2.5V	0.3A	
G0212206	6V	200mA	
G0212207	6.3V	1W	
G0212208	6.3V	0.15A	790601
G0212209	6.3V	0.25A	790660
G0212210	8V	0.15A	790602
G0212212	12V	0.11A	790603
G0212213	12V	2W	790678
G0212218	18V	0.11A	790604
G0212219	18V	2W	
G0212223	24V	50mA	790680*
G0212224	24V	0.11A	790605
G0212225	24V	2W	790690
G0212226	24V	3W	790691
G0212227	28V	40mA	790692
G0212228	28V	0.11A	790606
G0212229	28V	2W	
G0212230	30V	0.11A	790607
G0212231	30V	2W	790695
G0212236	36V	2W	
G0212237	36V	3W	
G0212238	36V	0.11A	
G0212248	48V	2W	790612
G0212249	48V	3W	790608
G0212250	48V	0.11A	
G0212260	60V	2W	790697
G0212261	60V	3W	790609
G0212262	60V	0.11A	
G0212288	115V	3W	790698*
G0212289	115V	5W	790610*
G0212291	130V	20mA	
G0212292	155V	20mA	
G0212297	240V	2W	
G0212298	240V	3W	790699*
G0212299	240V	5W	790611*

## BA5S PILOT LAMP



BH Code	Voltage	Current/Watts	IMPA Code
G0210124	24V	50mA	
G0210128	28V	40mA	

## BA7S PILOT LAMP



BH Code	Dimension	Voltage	Current/Watts	IMPA Code
G0211006	T7X20	6V	200mA	790876*
G0211012	T7X20	12V	100mA	790881
G0211024	T7X20	24V	50mA	790878
G0211025	T7X20	24V	2W	
G0211026	T7X20	24V	3W	790879
G0211028	T7X20	28V	40mA	
G0211030	T7X20	30V	50mA	
G0211031	T7X20	30V	2W	790882
G0211036	T7X20	36V	3W	
G0211048	T7X20	48V	3W	
G0211060	T7X20	60V	3W	

BH Code	Voltage	Current/Watts	IMPA Code
<b>G14.5X27</b>			
G0212303	3V	3W	
G0212306	6V	6W	
G0212312	12V	8W	
G0212324	24V	8W	



## E12 PILOT LAMP

BH Code	Voltage	Current/Watts	IMPA Code
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### T13X33

G0214006	6.3V	0.11A	
G0214007	6.3V	0.15A	790516
G0214012	12V	0.11A	790518
G0214018	18V	0.11A	790519
G0214019	18V	2W	
G0214024	24V	0.11A	790520
G0214025	24V	2W	790574
G0214026	24V	3W	790575
G0214028	28V	0.11A	790521
G0214029	28V	2W	790581
G0214030	30V	0.11A	790522
G0214031	30V	2W	790582
G0214036	36V	0.11A	
G0214048	48/60V	0.11A	
G0214049	48V	3W	790523
G0214060	60V	2W	
G0214061	60V	3W	
G0214088	115V	5W	790583/790525*
G0214099	240V	5W	790526*

## E10 PILOT LAMP



BH Code	Voltage	Current/Watts	IMPA Code
<b>G11X23</b>			
G0213003	3.5V	0.5A	
G0213006	6V	0.05A	
G0213007	6.3V	1W	790651
G0213012	12V	1W	
G0213018	18V	1W	
G0213024	24V	1W	790655
G0213030	30V	1W	790656
G0213048	48V	1W	
<b>T9X23</b>			
G0213099	230V	3W	
<b>T10X28</b>			
G0213106	6.3V	0.11A	
G0213107	6.3V	0.15A	790501
G0213108	6.3V	0.25A	790514
G0213110	8V	0.15A	790502
G0213112	12V	0.11A	790503
G0213113	12V	2W	790529
G0213118	18V	0.11A	790504
G0213119	18V	2W	790530
G0213124	24V	0.11A	790505
G0213125	24V	2W	790540
G0213126	24V	3W	790557
G0213128	28V	0.11A	790506
G0213129	28V	2W	
G0213130	30V	0.11A	790507
G0213131	30V	2W	790565
G0213136	36V	0.11A	
G0213148	48V	2W	790512
G0213160	60V	2W	790567
G0213188	115V	3W	790572
G0213189	115V	5W	790510*
G0213191	130V	20mA	
G0213198	240V	3W	790573
G0213199	240V	5W	790511
<b>G14.5X27</b>			
G0213204	4V	0.6A	
G0213206	6V	6W	
<b>G15X29</b>			
G0213205	6V	3W	

### T15X45

G0214118	18V	5W	
G0214124	24V	5W	790592
G0214130	30V	5W	790594
G0214188	115V	5W	790537*
G0214199	240V	5W	790538*

### T20X48

G0214212	12V	5W	790541
G0214218	18V	5W	790543
G0214223	24V	3W	790545
G0214224	24V	5W	790546
G0214225	24V	10W	790630
G0214226	24V	20W	790635
G0214230	30V	5W	790548
G0214232	30V	10W	
G0214248	48V	5W	790549
G0214287	115V	5W	790551*
G0214288	115V	10W	790637/790652*
G0214289	115V	20W	790638/790653*
G0214296	240V	5W	790554*
G0214297	240V	10W	790555*
G0214298	240V	15W	
G0214299	240V	20W	790556*

### S20X48

G0214324	24V	6W	
G0214388	120V	6W	
G0214399	240V	6W	

### G19X35

G0215023	24V	3W	790661
G0215024	24V	5W	790662
G0215025	24V	10W	790663
G0215088	115V	5W	790666
G0215099	220V	5W	790667

## E14 PILOT LAMP



BH Code	Voltage	Current/Watts	IMPA Code
	<b>T15X45</b>		
G0220002	24V	5W	790568
G0220004	110V	10W	790569
G0220006	220V	10W	790570
	<b>T12X30</b>		
G0220024	24V	0.04A	
	<b>T16X35</b>		
G0220124	24/30V	5-7W	
G0220148	48/60V	5-7W	
G0220188	110/140V	5-7W	
G0220198	220/260V	5-7W	
G0220199	240V	10W	
	<b>T16X54</b>		
G0220212	12V	10W	
G0220224	24/30V	6-10W	
G0220225	24V	15W	
G0220248	48/60V	6-10W	
G0220288	110/140V	6-10W	
G0220289	115V	15W	
G0220298	220/260V	6-10W	
G0220299	240V	15W	
	<b>S35X60</b>		
G0220324	24V	15W	
G0220325	24V	25W	
G0220326	24V	40W	
G0220388	115V	25W	
	<b>T22X70</b>		
G0220424	24V	25W	
G0220488	115V	25W	
	<b>T25X75</b>		
G0220425	24V	40W	
G0220489	115V	40W	
G0220498	240V	25W	
G0220499	240V	40W	

BH Code	Voltage	Current/Watts	IMPA Code
G0221098	240V	10W	790799
G0221099	240V	15W	
	<b>T16X35</b>		
G0221124	24/30V	5-7W	
G0221148	48/60V	5-7W	
G0221188	110/140V	5-7W	
G0221199	220/260V	5-7W	
	<b>T16X45</b>		
G0221224	24V	5W	
G0221288	115V	10W	
G0221299	240V	10W	
	<b>T20X48</b>		
G0221306	6V	10W	790736
G0221322	24V	3W	790619
G0221323	24V	5W	790620
G0221324	24V	10W	790742
G0221325	24V	15W	790743
G0221326	24V	20W	790744
G0221386	115V	5W	790621*/790746
G0221387	115V	10W	790622*/790747
G0221388	115V	15W	790745*
G0221389	115V	20W	790623*/790748
G0221397	240V	5W	790624*
G0221398	240V	10W	790625*
G0221399	240V	20W	790626*
	<b>T16X54</b>		
G0221424	24/30V	6-10W	
G0221448	48/60V	6-10W	
G0221488	110/140V	6-10W	
G0221498	220/260V	6-10W	
G0221499	240V	15W	
	<b>RP35X57</b>		
G0221523	24V	40W	
G0221524	24V	35W	
G0221588	140V	40W	
	<b>S35X57</b>		
G0221599	260V	40W	
	<b>T22X70</b>		
G0221688	115V	25W	
G0221699	240V	40W	
	<b>T25X75</b>		
G0221624	24V	25W	
G0221625	24V	40W	790776
G0221626	24V	60W	
G0221689	115V	40W	790778*
G0221698	240V	25W	790779*

## BA15D PILOT LAMP



BH Code	Voltage	Current/Watts	IMPA Code
	<b>T12X30</b>		
G0221000	28V	40mA	
	<b>G19X35</b>		
G0221003	3V	3W	
G0221006	6V	5W	
G0221012	12V	10W	790682
G0221023	24V	3W	790683
G0221024	24V	5W	790684
G0221025	24V	10W	790685
G0221026	24V	15W	
G0221087	115V	5W	790688
G0221088	115V	10W	
G0221097	240V	5W	790689

## BA15S PILOT LAMP (CLEAR)



BH Code	Dimension	Voltage	Current/Watts	IMPA Code
G0222003	G19X35	3V	3W	
G0222006	G19X35	6V	5W	
G0222088	T16X35	115V	10W	
G0222098	T16X35	230V	10W	
G0222099	T22X55	240V	25W	
G0222124	RP35X57	24V	35W	

## E17 PILOT LAMP (CLEAR)



BH Code	Dimension	Voltage	Current/Watts	IMPA Code
G0231992	T26X70	230V	10W	790579/87
G0231993	T28X60	240V	15W	790580/88
G0231994	T27X60	240V	25W	

BH Code	Dimension	Voltage	Current/Watts	IMPA Code
G0223088	T22X58	120V	15W	
G0223089	T22X58	120V	25W	
G0223098	T22X58	240V	15W	
G0223099	T22X58	240V	25W	
G0223124	S35X60	24V	20W	
G0223188	S35X60	120V	40W	
G0223189	S35X60	120V	60W	
G0223198	S35X60	240V	40W	
G0223199	S35X60	240V	60W	

## E17 KRYPTON LAMP



BH Code	Dimension	Voltage	Current/Watts	IMPA Code
G0223340	PS35 CLEAR	KR100/110V	40W	
G0223341	PS35 FROSTED	KR100/110V	40W	
G0223360	PS35 CLEAR	KR100/110V	60W	
G0223361	PS35 FROSTED	KR100/110V	60W	

## B22 PILOT/PIGMY LAMP



BH Code	Dimension	Voltage	Current/Watts	IMPA Code
G0230241	T25X54	24V	5W	790641
G0230242	T26X70	24V	10W	
G0230243	T27X60	24V	15W	
G0230244	T26X60	24V	25W	
G0230882	T22X70	115V	10W	790642*
G0230883	S30X62	115V	15W	790643*
G0230992	T22X70	240V	10W	790644*
G0230993	T25X54	240V	15W	790645*
G0230994	T25X54	240V	25W	

## E27 PILOT/PIGMY LAMP



BH Code	Dimension	Voltage	Current/Watts	IMPA Code
G0231241	T28X60	24V	5W	790576/84
G0231242	S30X62	24V	15W	
G0231243	T26X60	24V	25W	
G0231881	T26X70	110V	5W	
G0231882	T26X70	110V	10W	790577/85
G0231883	T27X60	115V	15W	790578/86
G0231884	T28X60	115V	25W	
G0231991	T26X70	230V	5W	

## GLOBULAR LAMP



BH Code	Dimension	Voltage	Current/Watts	IMPA Code
G0232124	G45X75 B22	24V	40W	
G0232224	G45X75 E27	24V	40W	

## TUBULAR LAMP



BH Code	Dimension	Voltage	Current/Watts	IMPA Code
G0240024	T30X90 B22	24V	40W	
G0240088	T25X85 B22	115V	25W	
G0240089	T25X85 B22	115V	40W	
G0240098	T25X85 B22	240V	25W	
G0240099	T25X85 B22	240V	40W	
G0240124	T25X85 E27	24V	40W	
G0240188	T25X85 E27	115V	25W	
G0240189	T25X85 E27	115V	40W	
G0240198	T30X90(25X75) E27	240V	25W	
G0240199	T30X90(25X75) E27	240V	40W	

## RADIUM TUBULAR LAMP E14



BH Code	Type	Voltage	Current/Watts	IMPA Code
G0241422	CLEAR	42V	25W	
G0241991	T25X85 CLEAR	240V	25W	
G0242991	T30X100 FROSTED	240V	25W	
G0242992	T30X100 FROSTED	240V	40W	
G0243991	T20X115 CLEAR	240V	25W	

## RADIUM TUBULAR LAMP E27



BH Code	Type	Voltage	Current/Watts	IMPA Code
G0245991	FROSTED	240V	25W	
G0245992	FROSTED	240V	40W	

## GE TUBULAR LAMP E14



BH Code	Type	Voltage	Current/Watts	IMPA Code
G0246015	300degC	230V	15W	
G0246025	300degC	240V	25W	
G0246040	300degC	240V	40W	

## NEON INDICATING LAMP



BH Code	Base	Voltage	Current/Watts	IMPA Code
G0250115	BA9S	115V	-	
G0250240	BA9S	240V	-	
G0250380	BA9S	380V	-	
G0251115	E10	115V	-	
G0251240	E10	240V	-	
G0251380	E10	380V	-	
G0252115	E12	115V	-	
G0252240	E12	240V	-	
G0253115	E14	115V	-	
G0253240	E14	240V	-	
G0253241	T12X30 E14	240V	-	
G0253380	E14	380V	-	
G0253381	T12X30 E14	380V	-	
G0254115	BA15D	115V	-	
G0254240	BA15D	240V	-	
G0254241	T12X30 BA15D	240V	-	
G0254380	BA15D	380V	-	
G0255115	B22	115V	-	
G0255240	B22	240V	-	
G0256115	E27	115V	-	
G0256240	E27	240V	-	

## SPHERICAL LAMP



BH Code	Base	Voltage	Current/Watts	IMPA Code
G0271140	E14 CLEAR	240V	40W	
G0271160	E14 CLEAR	240V	60W	
G0271215	E14 FROSTED	240V	15W	
G0271225	E14 FROSTED	240V	25W	
G0271240	E14 FROSTED	240V	40W	
G0271260	E14 FROSTED	240V	60W	
G0271325	E27 CLEAR	240V	25W	
G0271340	E27 CLEAR	240V	40W	
G0271460	E27 FROSTED	240V	60W	
G0271505	B22 CLEAR	240V	5W	
G0271525	B22 CLEAR	240V	25W	
G0271540	B22 CLEAR	240V	40W	
G0271560	B22 FROSTED	240V	60W	

## PIGMY LAMP



BH Code	Base	Voltage	Current/Watts	IMPA Code
G0272510	E14	24V	10W	
G0272520	E14	24V	15W	
G0272522	E14	220V	15W	
G0272524	E14	220V	25W	
G0272530	B15	24V	10W	
G0272540	B15	24V	15W	
G0272550	B15	220V	15W	
G0272560	B15	220V	25W	
G0272570	B22	220V	15W	
G0272580	B22	220V	25W	

## CANDLE LAMP



BH Code	Base	Voltage	Current/Watts	IMPA Code
G0270160	E14 CLEAR	240V	60W	
G0270225	E14 FROSTED	240V	25W	
G0270240	E14 FROSTED	240V	40W	
G0270260	E14 FROSTED	240V	60W	
G0270325	E27 CLEAR	240V	25W	
G0270340	E27 CLEAR	240V	40W	
G0270360	E27 CLEAR	240V	60W	
G0270425	E27 FROSTED	240V	25W	
G0270440	E27 FROSTED	240V	40W	
G0270460	E27 FROSTED	240V	60W	
G0270525	B22 CLEAR	240V	25W	
G0270540	B22 CLEAR	240V	40W	

## AUTO BULB LAMP



BH Code	Base	Voltage	Current/Watts	IMPA Code
G0274011	B15S	12V	10W	
G0274012	B15D	12V	10W	
G0274023	B15S	24V	10W	
G0274024	B15D	24V	10W	
G0274111	B15S	12V	25W	
G0274112	B15D	12V	25W	
G0274123	B15S	24V	25W	
G0274124	B15D	24V	25W	

## RUBBER LAMP EXTRACTOR



BH Code	Type	Voltage	Current/Watts	IMPA Code
G0280004	3/4mm	-	-	
G0280006	5/6mm	-	-	

BH Code	Type	Voltage	Current/Watts	IMPA Code
G0280008	6/8mm	-	-	
G0280010	10/12mm	-	-	

## Reflector Lamps

### INDOOR REFLECTOR LAMP



BH Code	Type	Base	Voltage	Current/Watts	IMPA Code
G0368881	RF	E27	110V	100W	790901
G0368882	RF	E27	110V	150W	790902
G0368883	RF	E27	110V	200W	790903
G0368884	RF	E27	110V	300W	790904
G0368991	RF	E27	240V	100W	790906
G0368992	RF	E27	240V	150W	790907
G0368993	RF	E27	240V	200W	790908
G0368994	RF	E27	240V	300W	790909
G0369881	RS	E27	110V	100W	790911
G0369882	RS	E27	110V	150W	790912
G0369883	RS	E27	110V	200W	790913
G0369884	RS	E27	110V	300W	790914
G0369991	RS	E27	240V	100W	790916
G0369992	RS	E27	240V	150W	790917
G0369993	RS	E27	240V	200W	790918
G0369994	RS	E27	240V	300W	790919
G0370990	R50	E14	220V	40W	
G0370991	R63	E27	220V	40W	
G0370992	R63	E27	220V	60W	
G0370993	R80	E27	220V	60W	
G0370994	R80	E27	220V	100W	

### RAFI PILOT LIGHT



BH Code	Type	Colour	Voltage	IMPA Code
G0290001	ROUND	YELLOW	-	
G0290002	ROUND	GREEN	-	
G0290003	ROUND	RED	-	
G0290004	ROUND	BLUE	-	
G0290011	SQUARE	YELLOW	-	
G0290012	SQUARE	GREEN	-	
G0290013	SQUARE	RED	-	
G0290014	SQUARE	BLUE	-	

## Sealed Beam Lamps

### SEALED BEAM LAMP



BH Code	Base	Voltage	Current/Watts	IMPA Code
G0312047	#4546	4.7V	0.5A	
G0312048	#4547	4.75V	1.25A	
G0312120	PAR36/NSP	12V	50W	
G0312122	PAR36/WFL	12V	50W	
G0312123	#4405	12V	30W	
G0312281	PAR36	28V	50W	
G0312282	PAR36	28V	50W	
G0312285	PAR36	28V	100W	
G0313241	E27 PAR38	24V	120W	
G0313881	E27 PAR38	110V	120W	
G0313990	E27 PAR38	240V	100W	
G0313991	E27 PAR38	240V	120W	
G0314246	PAR46	24V	60W	791291*
G0314248	PAR46	24V	80W	791293
G0314282	PAR46	28V	150W	
G0315120	PAR56/MFL	120V	200W	
G0315130	PAR56/NSP	120V	300W	
G0315131	PAR56/MFL	120V	300W	
G0315132	PAR56/WFL	120V	300W	
G0315150	PAR56/NSP	120V	500W	
G0315152	PAR56/WFL	120V	500W	
G0315230	PAR56/NSP	230V	300W	
G0315231	PAR56/MFL	240V	300W	
G0315232	PAR56/MFL	230V	300W	
G0315241	PAR56	24V	75W	791292
G0315243	PAR56	24V	300W	
G0315285	PAR56	28V	450W	
G0316152	PAR64/WFL	120V	500W	
G0316190	PAR64	120V	1000W	
G0316252	PAR64/WFL	240V	500W	
G0316290	PAR64 CP61	220V	1000W	
G0316291	PAR64 CP62	220V	1000W	

### OUTDOOR REFLECTOR LAMP



BH Code	Type	Base	Voltage	Current/Watts	IMPA Code
G0371880	RF-H	E27	110V	100W	790921
G0371881	RF-H	E27	110V	150W	790922
G0371882	RF-H	E27	110V	200W	790923
G0371990	RF-H	E27	220V	100W	790931
G0371991	RF-H	E27	220V	150W	790932
G0371992	RF-H	E27	220V	200W	790933
G0372881	RF-H	E40	110V	300W	790924
G0372882	RF-H	E40	110V	500W	790925
G0372883	RF-H	E40	110V	1000W	790926
G0372991	RF-H	E40	220V	300W	790934
G0372992	RF-H	E40	220V	500W	790935
G0372993	RF-H	E40	240V	1000W	790936
G0373880	RS-H	E27	110V	100W	790941
G0373881	RS-H	E27	110V	150W	790942
G0373882	RS-H	E27	110V	200W	790943
G0373990	RS-H	E27	220V	100W	790951
G0373991	RS-H	E27	220V	150W	790952
G0373992	RS-H	E27	220V	200W	790953
G0374881	RS-H	E40	110V	300W	790944

BH Code	Type	Base	Voltage	Current/Watts	IMPA Code
G0374882	RS-H	E40	110V	500W	790945
G0374883	RS-H	E40	110V	1000W	790946
G0374991	RS-H	E40	220V	300W	790954
G0374992	RS-H	E40	220V	500W	790955
G0374993	RS-H	E40	240V	1000W	790956

## High Intensity Discharge Lamps

### MERCURY LAMP



### EYE OUTDOOR REFLECTOR LAMP



BH Code	Type	Base	Voltage	Current/Watts	IMPA Code
G0375880	RF-H	E27	110V	100/90W	790921
G0375881	RF-H	E27	110V	150/135W	790922
G0375882	RF-H	E27	110V	200/180W	790923
G0375990	RF-H	E27	220V	100/90W	790931
G0375991	RF-H	E27	220V	150/135W	790932
G0375992	RF-H	E27	220V	200/180W	790933
G0376881	RF-H	E40	110V	300/270W	790924
G0376882	RF-H	E40	110V	500/450W	790925
G0376991	RF-H	E40	220V	300/270W	790934
G0376992	RF-H	E40	220V	500/450W	790935
G0376993	RF-H	E40	220V	1000/900W	790936
G0377881	RS-H	E27	110V	150/135W	790942
G0377882	RS-H	E27	110V	200/180W	790943
G0377991	RS-H	E27	220V	150/135W	790952
G0378881	RS-H	E40	110V	300/270W	790944
G0378882	RS-H	E40	110V	500/450W	790945
G0378883	RS-H	E40	110V	1000/900W	790946
G0378991	RS-H	E40	220V	300/270W	790954
G0378992	RS-H	E40	220V	500/450W	790955
G0378993	RS-H	E40	220V	1000/900W	790956

BH Code	Type	Base	Current/Watts	IMPA Code
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### NIPPON MERCURY LAMP

G0401000	HF	E27	100W	791103
G0401001	HF	E40	200W	791104
G0401002	HF	E40	250W	791105
G0401003	HF	E40	300W	791106
G0401004	HF	E40	400W	791107
G0401007	HF	E40	700W	791108
G0401010	HF	E40	1000W	791109
G0402004	H	E40	400W	
G0402007	H	E40	700W	
G0402010	H	E40	1000W	
G0403002	HRF	E40	250W	791113
G0403003	HRF	E40	300W	791114
G0403004	HRF	E40	400W	791115
G0403007	HRF	E40	700W	791116
G0403010	HRF	E40	1000W	791117
G0415040	HT	E40	400W	

### EYE MERCURY LAMP

G0411000	HF	E27	100W	791103
G0411001	HF	E40	200W	791104
G0411002	HF	E40	250W	791105
G0411003	HF	E40	300W	791106
G0411004	HF	E40	400W	791107
G0411007	HF	E40	700W	791108
G0411010	HF	E40	1000W	791109
G0412004	H	E40	400W	
G0412007	H	E40	700W	
G0412010	H	E40	1000W	
G0413002	HRF	E40	250W	791113
G0413003	HRF	E40	300W	791114
G0413004	HRF	E40	400W	791115
G0413007	HRF	E40	700W	791116
G0413010	HRF	E40	1000W	791117
G0414003	HRN	E40	300W	791122
G0414004	HRN	E40	400W	791123
G0414007	HRN	E40	700W	791124
G0414010	HRN	E40	1000W	791125
G0416040	HT	E40	400W	

### GE MERCURY LAMP

G0440033	HR400DX33	E40	400W	
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### SELF-BALLASTED MERCURY LAMP



BH Code	Type	Base	Voltage	Current/Watts	IMPA Code
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### NIPPON SELF-BALLASTED MERCURY LAMP

G0421880	BHF	E27	110V	100W	
G0421881	BHF	E27	110V	160W	791151
G0421882	BHF	E40	110V	250W	

BH Code	Type	Base	Voltage	Current/Watts	IMPA Code
G0421883	BHF	E40	110V	300W	791152
G0421884	BHF	E40	110V	500W	791153
G0421885	BHF	E40	110V	750W	791154
G0421990	BHF	E27	230V	100W	
G0421991	BHF	E27	230V	160W	791155
G0421992	BHF	E40	230V	250W	
G0421993	BHF	E40	230V	300W	791156
G0421994	BHF	E40	230V	500W	791157
G0421995	BHF	E40	230V	750W	791158
G0421996	BHF	E40	230V	1000W	
G0422881	BHRF	E27	110V	160W	791161
G0422883	BHRF	E40	110V	300W	791162
G0422884	BHRF	E40 (265mm)	110V	500W	791163
G0422885	BHRF	E40 (315mm)	110V	500W	
G0422886	BHRF	E40	110V	750W	791164
G0422991	BHRF	E27	230V	160W	791165
G0422993	BHRF	E40	230V	300W	791166
G0422994	BHRF	E40 (265mm)	230V	500W	791167
G0422995	BHRF	E40 (315mm)	230V	500W	
G0422996	BHRF	E40	230V	750W	791168

**EYE SELF-BALLASTED MERCURY LAMP**

G0431881	BHF	E27	110V	160W	791151
G0431882	BHF	E40	110V	250W	
G0431883	BHF	E40	110V	300W	791152
G0431884	BHF	E40	110V	500W	791153
G0431885	BHF	E40	110V	750W	791154
G0431991	BHF	E27	230V	160W	791155
G0431992	BHF	E40	230V	250W	
G0431993	BHF	E40	230V	300W	791156
G0431994	BHF	E40	230V	500W	791157
G0431995	BHF	E40	230V	750W	791158
G0431996	BHF	E40	230V	1000W	
G0432881	BHRF	E27	110V	160W	791161
G0432882	BHRF	E40	110V	250W	
G0432883	BHRF	E40	110V	300W	791162
G0432884	SB/R44 BHRF	E40 (265mm)	110V	500W	791163
G0432885	SB/R57 BHRF	E40 (315mm)	110V	500W	
G0432886	SB/R57 BHRF	E40	110V	750W	791164
G0432991	BHRF	E27	230V	160W	791165
G0432992	BHRF	E40	230V	250W	
G0432993	BHRF	E40	230V	300W	791166
G0432994	SB/R44 BHRF	E40 (265mm)	230V	500W	791167
G0432995	SB/R57 BHRF	E40 (315mm)	230V	500W	
G0432996	SB/R57 BHRF	E40	230V	750W	791168

**HPL-N/ML MERCURY LAMP**



BH Code	Brand	Type	Base	Current/Watts	IMPA Code
G0442080	SUNLUX	HPL-N	B22D	80W	
G0442101	SUNLUX	HPL-N	E27	80W	
G0442102	SUNLUX	HPL-N	E27	125W	
G0442501	PHILIPS	HPL-N	E27	80W	
G0442502	PHILIPS	HPL-N	E27	125W	
G0442503	PHILIPS	HPL-N	E40	250W	
G0442504	PHILIPS	HPL-N	E40	400W	
G0442507	PHILIPS	HPL-N	E40	700W	
G0442510	PHILIPS	HPL-N	E40	1000W	
G0442616	PHILIPS	ML	E27	160W	

**SODIUM LAMP**



BH Code	Type	Base	Current/Watts	IMPA Code
	<b>SUNLUX</b>			
G0501001	SON-T	E40	150W	
G0501002	SON-T	E40	250W	
G0501003	SON-T	E40	400W	
G0501005	SON-T	E40	1000W	
G0501006	SON-TE	E40	1000W	
	<b>NIPPON</b>			
G0502003	NH-T	E40	400W	791213
G0502004	NH-T	E40	700W	791214
G0502005	NH-T	E40	1000W	791215
G0504004	NH	E40	400W	
G0504007	NH	E40	700W	791201
G0504010	NH	E40	1000W	791202
G0505004	NHF	E40	400W	
G0505007	NHF	E40	700W	791206
G0505010	NHF	E40	1000W	791207
G0508025	NHR	E40	250W	791219
G0508040	NHR	E40	400W	791220
	<b>EYE</b>			
G0512004	NH-T	E40	700W	
G0513003	NH-T	E40	400W	
G0514004	NH	E40	400W	
G0514007	NH	E40	700W	791201
G0514010	NH	E40	1000W	791202
G0515004	NHF	E40	400W	
G0515007	NHF	E40	700W	791206
G0515360	NH	E40	360LX	
G0515940	NH	E40	940LX	
G0516220	NH	E40	220FLX	
G0516360	NH	E40	360LX	
G0516660	NH	E40	660LX	
G0516940	NH	E40	940LX	
G0518040	NHR	E40	400W	791220
	<b>PHILIPS</b>			
G0521001	SON-T	E40	150W	



BH Code	Type	Base	Current/Watts	IMPA Code
G0521002	SON-T PRO	E40	250W	
G0521004	SON-T PRO	E40	400W	
G0521006	SON-T PLUS	E40	600W	
G0521010	SON-T PRO	E40	1000W	
<b>GE</b>				
G0524040	LU400	E40	400W	
<b>OSRAM</b>				
G0526250	NAV-TS	FC2	250W	
G0526400	NAV-TS	FC2	400W	

## Halogen Lamps

### SUNLUX ROUGH SERVICE TUNGSTEN HALOGEN LAMP R7S



BH Code	Dimension	Voltage	Current/Watts	IMPA Code
G1011102	117mm	110 - 130V	200W	
G1011103	117mm	110 - 130V	300W	791261
G1011105	117mm	110 - 130V	500W	791262
G1011107	189mm	110 - 130V	750W	
G1011110	189mm	110 - 130V	1000W	791266
G1011115	254mm	110 - 130V	1500W	
G1012200	117mm	220 - 240V	100W	
G1012201	117mm	220 - 240V	150W	
G1012202	117mm	220 - 240V	200W	
G1012203	117mm	220 - 240V	300W	
G1012205	117mm	220 - 240V	500W	791263
G1012207	189mm	220 - 240V	750W	
G1012210	189mm	220 - 240V	1000W	791267
G1012211	208mm	220 - 240V	1000W	791264
G1012212	254mm	220 - 240V	1000W	
G1012215	254mm	220 - 240V	1500W	791265
G1012820	117mm	28V	200W	
G1012821	63mm	28V	200W	
G1014240	117mm	42V	400W	

### METAL HALIDE LAMP



BH Code	Type	Base	Current/Watts	IMPA Code
<b>SUNLUX</b>				
G0551002	HPI-T	E40	250W	
G0551004	HPI-T	E40	400W	
G0551005	CWA	E40	400W	
G0551070	-	RX7S	70W	
G0551150	-	RX7S	150W	
<b>PHILIPS</b>				
G0552002	HPI-T PLUS	E40	250W	
G0552004	HPI-T PLUS	E40	400W	
G0552010	HPI-T	E40	1000W	
<b>VENTURE</b>				
G0553002	HIT250W/U/ EURO/5K	E40	250W	
G0553004	HIT400W/U/ EURO/5K	E40	400W	
G0553010	HIT1000W/U/ EURO/5K	E40	1000W	
<b>OSRAM</b>				
G0555004	HQI-BT 400/D	E40	400W	
<b>EYE</b>				
G0556004	MT400/BH	E40	400W	
G0556010	MT1000A-BH/67	E40	1000W	
G0557004	MF400LE/BUH	E40	400W	
G0557010	MF1000LE/BUH	E40	1000W	

### TUNGSTEN HALOGEN LAMP R7S



BH Code	Dimension	Voltage	Current/Watts	IMPA Code
G1021103	117mm	110V	300W	791261
G1021105	117mm	110V	500W	791262
G1021110	189mm	110V	1000W	791263
G1021115	254mm	110V	1500W	
G1022203	117mm	240V	300W	
G1022205	117mm	240V	500W	791263
G1022207	189mm	240V	750W	
G1022210	189mm	240V	1000W	791267
G1022211	208mm	240V	1000W	791264
G1022212	254mm	240V	1000W	
G1022215	254mm	240V	1500W	791265
G1022221	-	220V	2000W Fa4	

## Xenon Lamps

### XENON LAMP



BH Code	Type	Current/Watts	IMPA Code
G0601000	BLGXQ XENON LAMP	1000W	
G0611000	OSRAM XBO 1000W/HS OFR XENON LAMP	1000W	

### JD HALOGEN LAMP E11



BH Code	Brand	Voltage	Current/Watts	IMPA Code
G1051115	EYE	110V	150W	791253
G1051125	EYE	110V	250W	791254
G1051150	EYE	110V	500W	791255
G1052225	EYE	220V	250W	
G1052250	EYE	220V	500W	791256
G1061115	-	110V	150W	791253
G1061125	-	110V	250W	791254
G1062215	-	220V	150W	
G1062225	-	220V	250W	
G1062250	-	220V	500W	791256

## JT HALOGEN LAMP



BH Code	Base	Voltage	Current/Watts	IMPA Code
G1081115	E27	110V	150W	
G1081125	E27	110V	250W	
G1082215	E27	240V	150W	
G1082225	E27	240V	250W	
G1101105	E40 SUNLUX	110V	500W	791271
G1101110	E40 SUNLUX	110V	1000W	
G1102205	E40 SUNLUX	220V	500W	791272
G1102210	E40 SUNLUX	220V	1000W	791273

BH Code	Brand	Base	Voltage	Current/Watts	IMPA Code
G1200104	PHILIPS	P13.5S	6V	-	
G1200105	PHILIPS	P13.5S	7.2V	-	
G1200201	-	P13.5S	2.4V	0.5A	792251
G1200202	-	P13.5S	3.6V	0.5A	792252
G1200203	-	P13.5S	4.8V	0.5A	792250
G1200204	-	P13.5S	6V	0.5A	792254
G1200205	-	P13.5S	7.2V	0.5A	
G1200301	KRYPTON	P13.5S	2.4V	0.7A	
G1200302	KRYPTON	P13.5S	3.6V	0.75A	
G1200303	KRYPTON	P13.5S	7.2V	0.75A	
G1200304	KRYPTON	P13.5S	4.8V	0.75A	
G1200305	KRYPTON	P13.5S	5.95V	0.5A	
G1200401	-	E10	2.2V	-	
G1200402	-	E10	2.5V	0.5A	792256
G1200403	-	E10	3.8V	0.5A	792257
G1200404	-	E10	4.8V	0.5A	792558
G1200405	-	E10	6.2V	0.5A	792259

## HALOGEN LAMP



BH Code	Base	Voltage	Current/Watts	IMPA Code
G1110012	G6.35	12V	60W	
G1110024	G6.35	24V	60W	
G1111012	G6.35	12V	55W	
G1111024	G6.35	24V	250W	
G1130125	BA9S	12V	5W	
G1130155	BA15S	12V	55W	
G1130610	G4	6V	10W	
G1131205	G4	12V	5W	
G1131210	G4	12V	10W	
G1131220	G4	12V	20W	
G1131250	GY6.35	12V	50W	
G1132420	G4	24V	20W	
G1132450	GY6.35	24V	50W	
G1132460	GY6.35	24V	100W	
G1132480	GY6.35	24V	150W	
G1150102	GU5.3	12V	20W	
G1150105	GU5.3	12V	50W	
G1181012	H1	12V	55W	
G1181024	H1	24V	70W	
G1182012	H2	12V	55W	
G1182024	H2	24V	70W	
G1183012	H3	12V	55W	
G1183024	H3	24V	70W	

## HALOGEN FLASHLIGHT BULB



BH Code	Base	Voltage	Current/Watts
G1200528	P13.5S	2.8V	0.85A
G1200540	P13.5S	4V	0.85A
G1200552	P13.5S	5.2V	0.85A
G1200565	P13.5S	6.5V	0.7A
G1200572	P13.5S	7.2V	0.8A
G1200628	E10	2.8V	0.85A
G1200640	E10	4V	0.85A
G1200652	E10	5.2V	0.85A

## MAGLITE FLASHLIGHT BULB



BH Code	Type	Current/Watts	IMPA Code
G1200821	2 CELL X AAA	-	
G1200822	2 CELL X AA	-	

## Searchlight Lamps

### SEARCHLIGHT LAMP



BH Code	Type	Base	Voltage	Current/Watts	IMPA Code
G1310882	GB BTR	P28S	120V	1000W	
G1310883	PHILIPS 6995C	P28S	120V	1000W	
G1310991	GE FKB T13	P28S	240V	650W	
G1310992	PHILIPS 6996C	P28S	240V	1000W	
G1311992	GE 39629 GCW T18	GY9.5	204V	500W	
G1313881	GE T11	GX9.5	120V	1000W	

## Flashlight Lamps

### FLASHLIGHT BULB



BH Code	Brand	Base	Voltage	Current/Watts	IMPA Code
G1200101	PHILIPS	P13.5S	2.4V	-	
G1200102	PHILIPS	P13.5S	3.6V	-	
G1200103	PHILIPS	P13.5S	4.8V	-	

BH Code	Type	Base	Voltage	Current/Watts	IMPA Code	BH Code	Brand	Type	Voltage	Current/Watts	IMPA Code
G1313991	GE CP23	GX9.5	230V	650W		G1500992	SUNLUX	G150	240V	3000W	
G1313992	GE T12	GX9.5	230V	650W		G1500993	SUNLUX	G200	240V	3000W	
G1313993	GE CP70	GX9.5	230V	1000W		G1501881	SANSHIN	G150	110V	2000W	370522
G1313994	GE T11	GX9.5	230V	1000W		G1501882	SANSHIN	G150	110V	3000W	370525
G1313997	PHILIPS 6995P CP70	GX9.5	240V	1000W		G1501883	SANSHIN	G200	110V	3000W	
G1313998	PHILIPS 6996P T19	GX9.5	240V	1000W		G1501991	SANSHIN	G150	220V	2000W	370523
G1314881	THORN CP79	GY16	120V	2000W		G1501992	SANSHIN	G150	220V	3000W	370526
G1314991	GE CP43	GY16	230V	2000W		G1501993	SANSHIN	G200	220V	3000W	
G1314992	PHILIPS 6994P CP43	GY16	230V	2000W							
G1315881	GE CXZ	G38	120V	1500W							
G1315882	GE CXY	G38	120V	2000W	370532						
G1315883	PHILIPS 6994Z	G38	120V	2000W							
G1315992	GE CP41	G38	230V	2000W	370533						
G1315993	PHILIPS 6994Z CP73	G38	230V	2000W							
G1316991	#88502 CP94	G38	240V	2500W							
G1317881	HX48	G38	110V	3000W							
G1317991	GE HX48	G38	240V	3000W							
G1318005	PHILIPS PF810	G6.35	230V	650W							
G1318200	JCD	JCD	28V	200W							
G1318300	JCD	JCD	28V	300W							

### PROJECTION LAMP



BH Code	Type	Base	Voltage	Current/Watts	IMPA Code	BH Code	Type	Base	Voltage	Current/Watts	IMPA Code
G1601241	SP10EC	E27	24V	150W		G1601241	SP10EC	E27	24V	150W	
G1601242	SP10EC	E27	24V	250W		G1601242	SP10EC	E27	24V	250W	
G1601243	SP10EC	E27	24V	500W		G1601243	SP10EC	E27	24V	500W	
G1601881	SP10EC	E27	115V	250W		G1601881	SP10EC	E27	115V	250W	
G1601882	SP10EC	E27	115V	500W		G1601882	SP10EC	E27	115V	500W	
G1601883	SP12EC	E27	115V	1000W		G1601883	SP12EC	E27	115V	1000W	
G1601991	SP10EC	E27	240V	250W		G1601991	SP10EC	E27	240V	250W	
G1601992	SP10EC	E27	240V	500W		G1601992	SP10EC	E27	240V	500W	
G1601993	SP12EC	E27	240V	1000W		G1601993	SP12EC	E27	240V	1000W	
G1602992	SP10EC	E27 NIPPON	240V	500W		G1602992	SP10EC	E27 NIPPON	240V	500W	
G1602993	SP12EC	E27 NIPPON	240V	1000W		G1602993	SP12EC	E27 NIPPON	240V	1000W	
G1604881	SP20E	E27	115V	500W		G1604881	SP20E	E27	115V	500W	
G1604882	SP20E	E27	115V	1000W		G1604882	SP20E	E27	115V	1000W	
G1604991	SP20E	E27	240V	500W		G1604991	SP20E	E27	240V	500W	
G1604992	SP20E	E27	240V	750W		G1604992	SP20E	E27	240V	750W	
G1611241	SP10	P28S	24V	250W		G1611241	SP10	P28S	24V	250W	
G1611881	SP10	P28S	110V	250W		G1611881	SP10	P28S	110V	250W	
G1611882	SP10	P28S	110V	300W		G1611882	SP10	P28S	110V	300W	
G1611883	SP10	P28S	115V	500W		G1611883	SP10	P28S	115V	500W	
G1611884	SP12	P28S	115V	1000W		G1611884	SP12	P28S	115V	1000W	
G1611991	SP10	P28S	230V	250W		G1611991	SP10	P28S	230V	250W	
G1611992	SP10	P28S	240V	500W		G1611992	SP10	P28S	240V	500W	
G1611993	SP12	P28S	240V	1000W		G1611993	SP12	P28S	240V	1000W	
G1614881	SP20	P28S	115V	500W		G1614881	SP20	P28S	115V	500W	
G1614882	SP20	P28S	115V	1000W		G1614882	SP20	P28S	115V	1000W	
G1614991	SP20	P28S	240V	500W		G1614991	SP20	P28S	240V	500W	
G1614992	SP20	P28S	240V	750W		G1614992	SP20	P28S	240V	750W	
G1614993	SP20	P28S	240V	1000W		G1614993	SP20	P28S	240V	1000W	
G1621881	SP20LM	E40 SEIKO	115V	1000W		G1621881	SP20LM	E40 SEIKO	115V	1000W	
G1621882	SP20LM	E40 SEIKO	115V	2000W		G1621882	SP20LM	E40 SEIKO	115V	2000W	
G1621991	SP20LM	E40 SEIKO	240V	1000W		G1621991	SP20LM	E40 SEIKO	240V	1000W	
G1621992	SP20LM	E40 SEIKO	240V	2000W		G1621992	SP20LM	E40 SEIKO	240V	2000W	
G1622881	SP20LM	E40 NIPPON	110V	1000W		G1622881	SP20LM	E40 NIPPON	110V	1000W	
G1622991	SP20LM	E40 NIPPON	240V	1000W		G1622991	SP20LM	E40 NIPPON	240V	1000W	
G1624882	SP20LM	P40S	115V	2000W		G1624882	SP20LM	P40S	115V	2000W	
G1624992	SP20LM	P40S	240V	2000W		G1624992	SP20LM	P40S	240V	2000W	

### G19/54X60 SEARCHLIGHT LAMP



BH Code	Brand	Type	Voltage	Current/Watts	IMPA Code
G1500881	SUNLUX	G150	110V	2000W	
G1500882	SUNLUX	G150	110V	3000W	
G1500883	SUNLUX	G200	110V	3000W	
G1500991	SUNLUX	G150	240V	2000W	

## Fluorescent Lamps

### COOL WHITE FLUORESCENT LAMP



BH Code	Type	Dimension	IMPA Code
<b>SUNLUX</b>			
G2010108	F8T5CW SUNLUX	Ø16X287mm(L)	791403
G2010110	F10T8CW (FL10W)	Ø26X330mm(L)	791404
G2010115	F15T8CW (FL15W)	Ø26X436mm(L)	791405
G2010117	FL20W SUNLUX	Ø38X580mm(L)	791406
G2010118	FL20SSW/18 SUNLUX	Ø28X580mm(L)	791409
G2010119	FL20SW/18 SUNLUX	Ø32.5X580mm(L)	791408
G2010120	FL20SW SUNLUX	Ø32.5X580mm(L)	791407
G2010121	F18T8CW 18W SUNLUX	Ø26X588.7mm(L)	791412
G2010122	F20T10CW SUNLUX	Ø32.5X588.7mm(L)	791411
G2010130	FL30W	Ø26X895mm(L)	
G2010136	F36T8CW 36W SUNLUX	Ø26X1198mm(L)	791418
G2010138	FL40SW/38 SUNLUX	Ø32.5X1198mm(L)	791417
G2010140	F40T10CW SUNLUX	Ø32.5X1198mm(L)	791416
<b>HITACHI</b>			
G2010204	FL4W	Ø16X136mm(L)	791401
G2010206	FL6W	Ø16X212mm(L)	791402
G2010208	F8T5CW	Ø16X287mm(L)	791403
G2010210	F10T8CW	Ø26X330mm(L)	791404
G2010215	F15T8CW	Ø26X436mm(L)	791405
G2010220	FL20SW	Ø32.5X580mm(L)	791407
G2010221	F20T8CW 18W	Ø26X588.7mm(L)	791412
G2010222	F20T10CW	Ø32X590mm(L)	791411
G2010236	F40T8CW 36W	Ø26X1198mm(L)	791418
G2010237	FL40SSW/37	Ø26X1198mm(L)	791418
G2010240	F40T10CW	Ø32X1198mm(L)	791416
<b>PHILIPS</b>			
G2010306	TLD6W/33	Ø16X212mm(L)	
G2010308	TLD8W/33	Ø16X287mm(L)	
G2010313	TLD13W/33	Ø16X515mm(L)	
G2010314	TLD14W/33	Ø26X360mm(L)	
G2010318	TLD18/33	Ø26X588.7mm(L)	791412
G2010330	TLD30W/33	Ø26X895mm(L)	
G2010336	TLD36/33	Ø26X1198mm(L)	791418
G2010358	TLD58W/33	Ø26X1498mm(L)	
<b>GE</b>			
G2010418	F18/33 (F18/CW)	Ø26X588.7mm(L)	791412
G2010436	F36/33 (F36/CW)	Ø26X1198mm(L)	791418

### DAYLIGHT FLUORESCENT LAMP



BH Code	Type	Dimension	IMPA Code
<b>SUNLUX</b>			
G2020104	FL4D	Ø16X136mm(L)	791421
G2020106	FL6D	Ø16X212mm(L)	791422
G2020108	F8T5D	Ø16X287mm(L)	791423
G2020110	F10T8D (FL10D)	Ø26X330mm(L)	791424
G2020115	F15T8D (FL15D)	Ø26X436mm(L)	791425
G2020117	FL20D	Ø38X580mm(L)	791426
G2020118	FL20SSD/18	Ø28X580mm(L)	791429
G2020119	FL20SD/18	Ø32.5X580mm(L)	791428
G2020120	FL20SD	Ø32.5X580mm(L)	791427

BH Code	Type	Dimension	IMPA Code
G2020121	F18T8D 18W	Ø26X588.7mm(L)	791432
G2020122	F20T10D 20W	Ø32.5X588.7mm(L)	791431
G2020136	F36T8D 36W	Ø26X1198mm(L)	791438
G2020138	FL40SW/38	Ø32X1198mm(L)	791437
G2020140	F40T10D 40W	Ø32X1198mm(L)	791436
G2020158	L58W/10	Ø26X1498mm(L)	
<b>HITACHI</b>			
G2020208	F8T5D	Ø16X287mm(L)	791423
G2020210	F10T8D	Ø26X330mm(L)	791424
G2020215	F15T8D	Ø26X436mm(L)	791425
G2020220	FL20SD	Ø32.5X580mm(L)	791427
G2020221	F20T8D 18W	Ø26X588.7mm(L)	791432
G2020222	F20T10D	Ø32.5X588.7mm(L)	791431
G2020236	F40T8D 36W	Ø26X1198mm(L)	791438
G2020240	F40T10D	Ø32X1198mm(L)	791436
<b>PHILIPS</b>			
G2020314	TLD14W/54	Ø26X360mm(L)	
G2020318	TLD18/54	Ø26X588.7mm(L)	791432
G2020330	TLD30W/54	Ø26X895mm(L)	
G2020336	TLD36/54	Ø26X1198mm(L)	791438
G2020358	TLD58W/54	Ø26X1498mm(L)	
G2020413	FL13D JAPAN	Ø16X515mm(L)	
<b>GE</b>			
G2020418	F18/54 (F18/DL)	Ø26X588.7mm(L)	791432
G2020436	F36/54 (F36/DL)	Ø26X1198mm(L)	791438

### WARM WHITE FLUORESCENT LAMP



BH Code	Type	Dimension	IMPA Code
<b>HITACHI</b>			
G2030208	F8T5WW	Ø16X287mm(L)	
G2030215	F15T8WW	Ø26X436mm(L)	
<b>PHILIPS</b>			
G2030318	TLD18/29	Ø26X588.7mm(L)	
G2030336	TLD36/29	Ø26X1198mm(L)	
G2030515	TL15W/82	Ø26X436mm(L)	
G2030518	TLD18W/82	Ø26X588.7mm(L)	
G2030530	TLD30W/82	Ø26X895mm(L)	
G2030536	TLD36W/82	Ø26X1198mm(L)	
G2030615	TL15W/84	Ø26X436mm(L)	
G2030618	TLD18W/84	Ø26X895mm(L)	
G2030636	TLD36W/84	Ø26X1198mm(L)	
G2030718	TLD18W/86	Ø26X588.7mm(L)	
G2030736	TLD36W/86	Ø26X1198mm(L)	

### FLUORESCENT RAPID START LAMP



BH Code	Type	Dimension	IMPA Code
<b>SUNLUX</b>			
G2080201	FLR20SD	Ø32X580mm(L)	791446
G2080202	FLR20SW	Ø32X580mm(L)	791441
G2080401	FLR40SD	Ø32.5X1198mm(L)	791448
G2080402	FLR40SW	Ø32.5X1198mm(L)	791443
<b>GE</b>			
G2101401	F40CW	Ø38X1198mm(L)	791415*
G2101435	F40W2/35	Ø38X590mm(L)	

BH Code	Type	Dimension	IMPA Code
G2101648	F48T12CW/HO <b>HITACHI</b>	Ø38X1198mm(L)	
G2102200	FLR20SD/M	Ø32X580mm(L)	791446
G2102201	FLR20SW/M	Ø32X580mm(L)	791441
G2102202	F20T10D/RS	Ø32X590mm(L)	
G2102203	F20T10CW/RS	Ø32X590mm(L)	
G2102400	F40T10D/RS	Ø32X1198mm(L)	791448
G2102401	F40T10CW/RS <b>PHILIPS</b>	Ø32X1198mm(L)	791443
G2103201	TL20W/54RS	Ø38X590mm(L)	791430*
G2103202	TL20W/33RS	Ø38X590mm(L)	791410*
G2103401	TL40W/54RS	Ø38X1198mm(L)	791449
G2103402	TL40W/33RS <b>PHILIPS (TLM LAMP)</b>	Ø38X1198mm(L)	791444
G2104201	TLM20W/33RS	Ø38X590mm(L)	
G2104202	TLM20W/54RS	Ø38X590mm(L)	
G2104401	TLM40W/33RS	Ø38X1198mm(L)	
G2104402	TLM40W/54RS	Ø38X1198mm(L)	
G2104415	TLM115W/33RS <b>SYLVANIA (TLM LAMP)</b>	Ø38X1198mm(L)	
G2104205	IRS T12 20W/33-64o	Ø38X590mm(L)	
G2104405	IRS T12 40W/33-64o <b>PHILIPS (TLX SINGLE PIN LAMP)</b>	Ø38X1198mm(L)	791480
G2105020	TLX20/33	Ø38X590mm(L)	791479
G2105040	TLX40/33 <b>RADIUM (U TYPE LAMP)</b>	Ø38X1198mm(L)	791480
G2108036	NL36W/25U	Ø26X607mm(L)	

### CIRCULAR FLUORESCENT LAMP



BH Code	Type	IMPA Code
G2201200	DAYLIGHT FCL20	
G2201220	DAYLIGHT FCL22	
G2201300	DAYLIGHT FCL30	
G2201320	DAYLIGHT FCL32	
G2201400	DAYLIGHT FCL40	
G2201201	COOL WHITE FCL20CW	791451
G2201221	COOL WHITE FCL22CW	
G2201301	COOL WHITE FCL30CW	791452
G2201321	COOL WHITE FCL32CW	791453
G2201401	COOL WHITE FCL40CW	791454

### GERMICIDAL LAMP



BH Code	Type	IMPA Code
G2501004	GL4	791491
G2501006	GL6	791492
G2501008	GL8	791493
G2501010	GL10	791494
G2501015	GL15	791495
G2501020	GL20 (580mm)	
G2501021	GL20 (588.5mm)	

BH Code	Type	IMPA Code
G2501030	GL30	
G2501040	GL40	
G2503008	HSL-8	
G2503015	HSL-15	
G2504015	NSL-15	
G2505008	GLK8Q (GLK8W)	
G2505035	GL35S	
G2508036	G36T5L 39W SINGLE PIN	
G2509022	G22T5/436/4P 22W	
G2509036	G36T5/4P 39W 4 PIN	
G2511015	OZONE LAMP GL15ZH	
G2511030	QUARTZ TUBE QT30-600	

## Compact Energy Saving Lamps

### PL-S/DULUX-S ENERGY SAVING LAMP



BH Code	Type	IMPA Code
	<b>PHILIPS PL-S FL LAMP</b>	
G3010782	7W/827	
G3010784	7W/840	
G3010786	7W/865	
G3010982	9W/827	
G3010984	9W/840	
G3010986	9W/865	
G3011182	11W/827	
G3011184	11W/840	
G3011186	11W/865	
	<b>OSRAM DULUX-S FL LAMP</b>	
G3020782	7W/41-827	
G3020784	7W/21-840	
G3020786	7W/11-860	
G3020982	9W/41-827	
G3020984	9W/21-840	
G3020986	9W/11-860	
G3021182	11W/41-827	
G3021184	11W/21-840	
G3021186	11W/11-860	

### PL-C/DULUX-D ENERGY SAVING LAMP



BH Code	Type	IMPA Code
	<b>PHILIPS PL-C 2P FL LAMP</b>	
G3041082	10W/827	
G3041084	10W/840	
G3041086	10W/865	
G3041382	13W/827	
G3041384	13W/840	
G3041386	13W/865	
G3041882	18W/827	
G3041884	18W/840	
G3041886	18W/865	
	<b>PHILIPS PL-C 4P FL LAMP</b>	
G3051082	10W/827	

BH Code	Type	IMPA Code	BH Code	Voltage	Current/Watts	IMPA Code
G3051084	10W/840					
G3051086	10W/865					
G3051382	13W/827					
G3051384	13W/840					
G3051386	13W/865					
G3051882	18W/827					
G3051884	18W/840					
G3051886	18W/865					
<b>OSRAM DULUX-D FL LAMP</b>						
G3061082	10W/41-827		G3238207	220V	7W/41-827	
G3061084	10W/21-840		G3238211	220V	11W/41-827	
G3061086	10W/11-860		G3238215	220V	15W/41-827	
G3061382	13W/41-827		G3238220	220V	20W/41-827	
G3061384	13W/21-840		G3238223	220V	23W/41-827	
G3061386	13W/11-860		G3238407	220V	7W/21-840	
G3061882	18W/41-827		G3238411	220V	11W/21-840	
G3061884	18W/21-840		G3238415	220V	15W/21-840	
G3061886	18W/11-860		G3238420	220V	20W/21-840	
			G3238423	220V	23W/21-840	
			G3238607	220V	7W/11-860	
			G3238611	220V	11W/11-860	
			G3238615	220V	15W/11-860	
			G3238620	220V	20W/11-860	
			G3238623	220V	23W/11-860	
<b>HITACHI ENERGY SAVING LAMP E27 (DAYLIGHT)</b>						
			G3248608	220V	8W	
			G3248611	220V	11W	
			G3248614	220V	14W	
			G3248620	220V	20W	
			G3248623	220V	23W	

### PL-L/DULUX-L ENERGY SAVING LAMP

BH Code	Type	IMPA Code	BH Code	Voltage	Current/Watts	IMPA Code
<b>PHILIPS PL-L 4P FL LAMP</b>						
G3081882	18W/827		G3270085	240V	85W	
G3081883	18W/830					
G3081884	18W/840					
G3082482	24W/827					
G3082484	24W/840					
G3083682	36W/827					
G3083683	36W/830					
G3083684	36W/840					
G3083686	36W/865					
G3085583	55W/830					
G3085584	55W/840					
<b>OSRAM DULUX-L 4P FL LAMP</b>						
G3091882	18W/41-827					
G3091884	18W/21-840					
G3091886	18W/11-860					
<b>SUNLUX-EL ENERGY SAVING LAMP E27 (DAYLIGHT)</b>						
			G3271115	110 - 130V	15W/11-860	
			G3271120	110 - 130V	20W/11-860	
			G3271123	110 - 130V	23W/11-860	
			G3272111	110 - 130V	11W/21-840	
			G3272115	110 - 130V	15W/21-840	
			G3272120	110 - 130V	20W/21-840	
			G3278207	220 - 240V	7W/41-827	
			G3278211	220 - 240V	11W/41-827	
			G3278215	220 - 240V	15W/41-827	
			G3278220	220 - 240V	20W/41-827	
			G3278223	220 - 240V	23W/41-827	
			G3278407	220 - 240V	7W/21-840	
			G3278411	220 - 240V	11W/21-840	
			G3278415	220 - 240V	15W/21-840	
			G3278420	220 - 240V	20W/21-840	
			G3278423	220 - 240V	23W/21-840	
			G3278607	220 - 240V	7W/11-860	
			G3278611	220 - 240V	11W/11-860	
			G3278615	220 - 240V	15W/11-860	
			G3278620	220 - 240V	20W/11-860	
			G3278623	220 - 240V	23W/11-860	

### ENERGY SAVING LAMP



BH Code	Voltage	Current/Watts	IMPA Code	BH Code	Voltage	Current/Watts	IMPA Code
<b>PHILIPS GENIE ENERGY SAVING LAMP E27 (COOL DAYLIGHT)</b>							
G3218605	220V	5W		G3281109	110 - 130V	9W/11-860	791542*
G3218608	220V	8W		G3281111	110 - 130V	11W/11-860	791543*
G3218611	220V	11W		G3281115	110 - 130V	15W/11-860	791544*
G3218614	220V	14W		G3281118	110 - 130V	18W/11-860	
G3218618	220V	18W		G3281120	110 - 130V	20W/11-860	791545*
<b>PHILIPS TORNADO ENERGY SAVING LAMP E27 (COOL DAYLIGHT)</b>							
G3228605	220V	5W		G3282109	110 - 130V	9W/21-840	
G3228608	220V	8W		G3282109	110 - 130V	9W/21-840	
G3228612	220V	12W		G3282111	110 - 130V	11W/21-840	
G3228615	220V	15W		G3282115	110 - 130V	15W/21-840	
G3228620	220V	20W		G3282118	110 - 130V	18W/21-840	
G3228624	220V	24W		G3284109	110 - 130V	9W/41-827	791500*
				G3284111	110 - 130V	11W/41-827	791509*
				G3284115	110 - 130V	15W/41-827	791510*
				G3284120	110 - 130V	20W/41-827	791511*
				G3288209	220 - 240V	9W/41-827	791520*
				G3288211	220 - 240V	11W/41-827	791523*

BH Code	Voltage	Current/Watts	IMPA Code
G3288215	220 - 240V	15W/41-827	791524*
G3288220	220 - 240V	20W/41-827	791530*
G3288409	220 - 240V	9W/21-840	
G3288411	220 - 240V	11W/21-840	
G3288415	220 - 240V	15W/21-840	
G3288418	220 - 240V	18W/21-840	
G3288420	220 - 240V	20W/21-840	
G3288609	220 - 240V	9W/11-860	791559*
G3288611	220 - 240V	11W/11-860	791560*
G3288615	220 - 240V	15W/11-860	791579*
G3288618	220 - 240V	18W/11-860	
G3288620	220 - 240V	20W/11-860	791580*
G3288623	220 - 240V	23W/11-860	791599*

### SUNLUX LED BULB E27



BH Code	Voltage	Current/Watts	IMPA Code
G4027074	100-240V, 4000K	7W	
G4027076	100-240V, 6500K	7W	
G4027114	100-240V, 4000K	11W	
G4027116	100-240V, 6500K	11W	
G4027134	100-240V, 4000K	13W	
G4027136	100-240V, 6500K	13W	

## Architectural/Striplite Lamps

### ARCHITECTURAL LAMP



BH Code	Voltage	Current/Watts	IMPA Code
G3500035	240V	35W	
G3500060	240V	60W	
G3500120	240V	120W	

### STRIPLITE LAMP



BH Code	Voltage	Current/Watts	IMPA Code
G3510060	240V 284mm	60W	
G3520040	240V 311mm	40W	
G3520060	240V 311mm	60W	

## SWITCHBOARD CONTROL & AUTOMATION CONTENTS

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## Fuses

### CELLO-LITE FUSE GLASS CASING



BH Code	Type	Dimension	IMPA Code
H0100001	NC-1 1-30A	15 X 50mm	
H0100002	NC-2 40-60A	20 X 75mm	
H0100003	NB-3 75-100A	29 X 98/148mm	
H0100004	NB-4 150-200A	40 X 108/800mm	

### CELLO-LITE BAKELITE FUSE HOLDER



BH Code	Type	IMPA Code
H0100005	NC-1 1-30A	
H0100006	NC-2 40-60A	
H0100007	NB-3 75-100A	

### CELLO-LITE FUSE ELEMENT (NC-1/NC-2/NB-3/NB-4)



BH Code	Type	Dimension	IMPA Code
	<b>NC-1</b>		
H0101001	1A	9 X 42/55mm	793691
H0101002	2A	9 X 42/55mm	
H0101003	3A	9 X 42/55mm	793692
H0101005	5A	9 X 42/55mm	793693
H0101010	10A	9 X 42/55mm	793694
H0101015	15A	9 X 42/55mm	793695
H0101020	20A	9 X 42/55mm	793696
H0101025	25A	9 X 42/55mm	793697
H0101030	30A	9 X 42/55mm	793698
	<b>NC-2</b>		
H0102040	40A	12 X 66/82mm	793701
H0102050	50A	12 X 66/82mm	793702
H0102060	60A	12 X 66/82mm	793703
	<b>NB-3</b>		
H0103075	75A	16 X 83/105mm	793706
H0103100	100A	16 X 83/105mm	793707
	<b>NB-4</b>		
H0104125	125A	27 X 87/122mm	793711
H0104150	150A	27 X 87/122mm	793712
H0104175	175A	27 X 87/122mm	793713
H0104200	200A	27 X 87/122mm	793714

### CELLO-LITE FUSE NC-0



BH Code	Type	IMPA Code
H0105001	1A	
H0105003	3A	
H0105005	5A	
H0105010	10A	

BH Code	Type	IMPA Code
H0105015	15A	
H0105020	20A	
H0105025	25A	
H0105030	30A	

### CELLO-LITE FUSE ELEMENT (UC-1/UC-2/UB-3/UB-4)



BH Code	Type	Dimension	IMPA Code
	<b>UC-1</b>		
H0106001	1A	15 X 50mm	793741
H0106003	3A	15 X 50mm	793742
H0106005	5A	15 X 50mm	793743
H0106010	10A	15 X 50mm	793744
H0106015	15A	15 X 50mm	793745
H0106020	20A	15 X 50mm	793746
H0106025	25A	15 X 50mm	793747
H0106030	30A	15 X 50mm	793748
	<b>UC-2</b>		
H0106040	40A	20 X 75mm	793749
H0106050	50A	20 X 75mm	793750
H0106060	60A	20 X 75mm	793751
	<b>UB-3</b>		
H0106075	75A	30 X 95/145mm	793752
H0106100	100A	30 X 95/145mm	793753
	<b>UB-4</b>		
H0106125	125A	42 X 110/180	793754
H0106150	150A	42 X 110/180	793755
H0106175	175A	42 X 110/180	793756
H0106200	200A	42 X 110/180	793757

### CELLO-LITE FUSE JG-1



BH Code	Type	IMPA Code
H0107003	3A	
H0107005	5A	
H0107010	10A	
H0107015	15A	
H0107020	20A	
H0107025	25A	
H0107030	30A	

### FUSE PULLER



BH Code	Type	IMPA Code
H0190001	SCISSOR TYPE	793736
H0109002	BUTTERFLY TYPE 1-60A	793737

## HRC KNIFE FUSE



BH Code      Type      Overall Length      IMPA Code

BH Code	Type	Overall Length	IMPA Code
<b>NH1 aM 690V</b>			
H0312100	100A	135mm	
H0312125	125A	135mm	
H0312160	160A	135mm	
H0312200	200A	135mm	
H0312250	250A	135mm	
<b>NH1 gR 690V</b>			
H0313100	100A	135mm	
H0313125	125A	135mm	
H0313160	160A	135mm	
H0313200	200A	135mm	
H0313250	250A	135mm	
<b>NH2 gL-gG 500V</b>			
H0320025	25A	150mm	
H0320035	35A	150mm	793841
H0320050	50A	150mm	793842
H0320063	63A	150mm	793843
H0320080	80A	150mm	793844
H0320100	100A	150mm	793845
H0320125	125A	150mm	793846
H0320160	160A	150mm	793847
H0320200	200A	150mm	793848
H0320224	224A	150mm	
H0320225	225A	150mm	
H0320250	250A	150mm	794849
H0320315	315A	150mm	794850
H0320355	355A	150mm	
H0320400	400A	150mm	794851
<b>NH3 gL-gG 500V</b>			
H0330315	315A	150mm	794855
H0330355	355A	150mm	
H0330400	400A	150mm	794856
H0330500	500A	150mm	794857
H0330630	630A	150mm	794858

BH Code	Type	Overall Length	IMPA Code
<b>NH00 gL-gG 500V</b>			
H0300002	2A	78mm	
H0300004	4A	78mm	
H0300006	6A	78mm	793801
H0300010	10A	78mm	793802
H0300016	16A	78mm	793803
H0300020	20A	78mm	793804
H0300025	25A	78mm	793805
H0300035	35A	78mm	793806
H0300050	50A	78mm	793807
H0300063	63A	78mm	793808
H0300080	80A	78mm	793809
H0300100	100A	78mm	790810
H0300125	125A	78mm	793811
H0300160	160A	78mm	793812
<b>NH00 aM 690V</b>			
H0301063	63A	78mm	
H0301080	80A	78mm	
H0301100	100A	78mm	
H0301125	125A	78mm	
H0301160	160A	78mm	
<b>NH00 gR 690V</b>			
H0302063	63A	78mm	
H0302080	80A	78mm	
H0302100	100A	78mm	
H0302125	125A	78mm	
H0302160	160A	78mm	
<b>NH0 gL-gG 500V</b>			
H0310006	6A	125mm	793816
H0310010	10A	125mm	793817
H0310016	16A	125mm	793818
H0310020	20A	125mm	793819
H0310025	25A	125mm	793820
H0310035	35A	125mm	793821
H0310050	50A	125mm	793822
H0310063	63A	125mm	793823
H0310080	80A	125mm	793824
H0310100	100A	125mm	793825
H0310125	125A	125mm	793826
H0310160	160A	125mm	793827
<b>NH1 gL-gG 500V</b>			
H0311016	16A	135mm	
H0311020	20A	135mm	
H0311025	25A	135mm	
H0311035	35A	135mm	793831
H0311050	50A	135mm	793832
H0311063	63A	135mm	793833
H0311080	80A	135mm	793834
H0311100	100A	135mm	793835
H0311125	125A	135mm	793836
H0311160	160A	135mm	793837
H0311200	200A	135mm	793838
H0311224	224A	135mm	
H0311225	225A	135mm	
H0311250	250A	135mm	793839

## ACCESSORIES FOR HRC KNIFE FUSE



BH Code	Type	IMPA Code
H0350001	HRC FUSE BASE NH00 1 POLE	793861/62
H0350003	HRC FUSE BASE NH00 3 POLE	793871/72
H0350101	HRC FUSE BASE NH0 1 POLE	793863
H0350103	HRC FUSE BASE NH0 3 POLE	793873
H0351001	HRC FUSE BASE NH1 1 POLE	793864
H0351003	HRC FUSE BASE NH1 3 POLE	793874
H0352001	HRC FUSE BASE NH2 1 POLE	793865
H0352003	HRC FUSE BASE NH2 3 POLE	793875
H0353001	HRC FUSE BASE NH3 1 POLE	793866
H0355000	HRC FUSE LINK UNIVERSAL HANDLES	793880

## D FUSE E16/DI 500V



BH Code	Type	Dimension	IMPA Code
H0501002	2A	13 X 50mm	793901*/793951
H0501004	4A	13 X 50mm	793902*/793952
H0501006	6A	13 X 50mm	793903*/793953

BH Code	Type	Dimension	IMPA Code
H0501010	10A	13 X 50mm	793904*/793954
H0501016	16A	13 X 50mm	793905*/793955
H0501020	20A	13 X 50mm	793906*/793956
H0501025	25A	13 X 50mm	793907*/793957

## FUSE CAP FOR BOTTLE FUSE



BH Code	Type	IMPA Code
H0501052	E16/DI	793941
H0502205	E27/DII	793942
H0503282	E33/DIII	793943
H0504202	R1-1/4	793944

## D FUSE E27/DII 500V



BH Code	Type	Dimension	IMPA Code
<b>QUICK</b>			
H0502002	2A	22 X 50mm	793961
H0502004	4A	22 X 50mm	793962
H0502006	6A	22 X 50mm	793963
H0502010	10A	22 X 50mm	793964
H0502016	16A	22 X 50mm	793965
H0502020	20A	22 X 50mm	793966
H0502025	25A	22 X 50mm	793967

<b>SLOW</b>			
H0502102	2A	22 X 50mm	793911
H0502104	4A	22 X 50mm	793912
H0502106	6A	22 X 50mm	793913
H0502110	10A	22 X 50mm	793914
H0502116	16A	22 X 50mm	793915
H0502120	20A	22 X 50mm	793916
H0502125	25A	22 X 50mm	793917

## FUSE BASE FOR BOTTLE FUSE



BH Code	Type	IMPA Code
H0501051	E16/DI	
H0502201	E27/DII 1 POLE	
H0502203	E27/DII 3 POLE	
H0503281	E33/DIII	
H0504201	R1-1/4	

## D FUSE BOTTOM SCREW



BH Code	Type	IMPA Code
H0502302	2A	
H0502304	4A	
H0502306	6A	
H0502310	10A	
H0502316	16A	
H0502320	20A	
H0502325	25A	
H0502335	35A	
H0502350	50A	
H0502363	63A	

## D FUSE E33/DIII 500V



BH Code	Type	Dimension	IMPA Code
<b>QUICK</b>			
H0503035	35A	28 X 50mm	793971
H0503050	50A	28 X 50mm	793972
H0503063	63A	28 X 50mm	793973
<b>SLOW</b>			
H0503135	35A	28 X 50mm	793921
H0503150	50A	28 X 50mm	793922
H0503163	63A	28 X 50mm	793923

## D FUSE R1-1/4" 500V



BH Code	Type	Dimension	IMPA Code
H0504080	80A	34 X 64mm	793926*/793976
H0504100	100A	34 X 64mm	793927*/793977

## D FUSE R2" 500V



BH Code	Type	Dimension	IMPA Code
H0504125	125A	47 X 67mm	793981/793931*
H0504160	160A	47 X 67mm	793982/793932*
H0504200	200A	47 X 67mm	793983/793933*

## NEOZED FUSE



BH Code	Type	Dimension	IMPA Code
<b>D01</b>			
H0506002	2A	11 X 36mm	794001*/794006
H0506004	4A	11 X 36mm	794002*/794007
H0506006	6A	11 X 36mm	794003*/794008
H0506010	10A	11 X 36mm	794004*/794009
H0506016	16A	11 X 36mm	794005*/794010
<b>D02</b>			
H0506020	20A	15 X 36mm	794011*/794016
H0506025	25A	15 X 36mm	794012*/794017
H0506035	35A	15 X 36mm	794013*/794018
H0506050	50A	15 X 36mm	794014*/794019
H0506063	63A	15 X 36mm	794015*/794020

## NEOZED FUSE CAP & HOLDER



BH Code	Type	IMPA Code
H0506011	DO1 CAP	
H0506021	DO2 CAP	
H0506012	DO1 HOLDER	
H0506022	DO2 HOLDER	

BH Code	Type	IMPA Code
H0810104	4A	796116
H0810106	6A	796117
H0810110	10A	796119
H0810116	16A	796121
H0810120	20A	796122
H0810125	25A	796123*
H0810132	32A	796124*

## AUTOMATIC FUSE SCREW IN TYPE



BH Code	Type	IMPA Code
H0509206	6A	
H0509210	10A	
H0509216	16A	
H0509220	20A	
H0509225	25A	

## FUSE HOLDER



BH Code	Type	IMPA Code
H0810150	10X38mm 1 POLE	

## CARTRIDGE FUSE 14X51 500V



BH Code	Type	IMPA Code
<b>gL-gG - GENERAL PURPOSE</b>		
H0814001	1A	794061*
H0814002	2A	794062*
H0814003	3A	
H0814004	4A	794063*
H0814005	5A	
H0814006	6A	794064*
H0814010	10A	794066*
H0814015	15A	
H0814016	16A	794068*
H0814020	20A	794069*
H0814025	25A	794070*
H0814032	32A	794071
H0814040	40A	794072
H0814050	50A	794073*
H0814063	63A	

## CARTRIDGE FUSE 8.5X31.5 gL-gG 500V - GENERAL PURPOSE



BH Code	Type	IMPA Code
H0808001	1A	794032
H0808002	2A	794033
H0808004	4A	794034
H0808006	6A	794035
H0808010	10A	794037
H0808016	16A	794039
H0808020	20A	794040
H0808025	25A	794041

## CARTRIDGE FUSE 10.3X38 500V



BH Code	Type	IMPA Code
<b>gL-gG - GENERAL PURPOSE</b>		
H0810001	1A	794047
H0810002	2A	794048
H0810003	3A	
H0810004	4A	794049
H0810005	5A	
H0810006	6A	794050
H0810008	8A	794051
H0810010	10A	794052
H0810016	16A	794054
H0810020	20A	794055
H0810025	25A	794056*
H0810032	32A	794057*
<b>aM - MOTOR RATED</b>		
H0810101	1A	796114
H0810102	2A	796115

## aM - MOTOR RATED

H0814102	2A	796129*
H0814104	4A	796130*
H0814106	6A	796131*
H0814110	10A	796133*
H0814116	16A	796135*
H0814120	20A	796136*
H0814125	25A	796137*
H0814132	32A	796138
H0814140	40A	796139
H0814150	50A	796140*

## CARTRIDGE FUSE 22X58 500V



BH Code	Type	IMPA Code
<b>gL-gG - GENERAL PURPOSE</b>		
H0822016	16A	794082*
H0822020	20A	794083*
H0822025	25A	794084*

BH Code	Type	IMPA Code
H0822032	32A	794085*
H0822040	40A	794086*
H0822050	50A	794087*
H0822063	63A	794088*
H0822080	80A	794089*
H0822085	100A	794091
<b>aM - MOTOR RATED</b>		
H0822163	63A	796153*
H0822180	80A	796154*
H0822185	100A	796155

## GLASS FUSE 5X15mm 250V



BH Code	Type	IMPA Code
H1110010	100mA	
H1110012	125mA	
H1110016	160mA	
H1110020	200mA	
H1110025	250mA	
H1110031	315mA	
H1110040	400mA	
H1110050	500mA	
H1110063	630mA	
H1110080	800mA	
H1110100	1A	
H1110125	1.25A	
H1110160	1.6A	
H1110200	2A	
H1110250	2.5A	
H1110315	3.15A	
H1110400	4A	
H1110500	5A	
H1110630	6.3A	

## HRC FUSE NIT2 415V



BH Code	Type	IMPA Code
H1001002	2A	
H1001004	4A	
H1001006	6A	
H1001010	10A	
H1001016	16A	
H1001020	20A	
H1001025	25A	
H1001032	32A	

## GLASS FUSE 5X20mm F250 FAST



BH Code	Type	IMPA Code
H1120010	100mA	793601*
H1120012	125mA	
H1120016	160mA	
H1120020	200mA	793602*
H1120025	250mA	
H1120030	300mA	793603*
H1120031	315mA	
H1120035	350mA	
H1120040	400mA	793604*
H1120050	500mA	793605*
H1120060	600mA	793606*
H1120063	630mA	
H1120070	700mA	
H1120080	800mA	793607*
H1120100	1A	793608*
H1120125	1.25A	
H1120150	1.5A	793609*
H1120160	1.6A	
H1120200	2A	793610*
H1120250	2.5A	
H1120300	3A	793611*
H1120315	3.15A	
H1120400	4A	793612*
H1120500	5A	793613*
H1120600	6A	793614*
H1120630	6.3A	
H1120700	7A	
H1120800	8A	793615*
H1120910	10A	793616*
H1120915	15A	
H1120920	20A	

## HRC FUSE TIA 415V



BH Code	Type	IMPA Code
H1002006	6A	
H1002010	10A	
H1002016	16A	
H1002020	20A	
H1002025	25A	
H1002032	32A	
H1002040	40A	
H1002045	50A	
H1002063	63A	

## HRC FUSE NS 415V



BH Code	Type	IMPA Code
H1004002	2A	
H1004004	4A	
H1004006	6A	
H1004010	10A	
H1004016	16A	
H1004020	20A	
H1004025	25A	
H1004032	32A	

## GLASS FUSE 5X20mm F250 SLOW



BH Code	Type	IMPA Code
H1130010	100mA	
H1130012	125mA	
H1130016	160mA	
H1130020	200mA	
H1130025	250mA	
H1130031	315mA	
H1130040	400mA	
H1130050	500mA	
H1130063	630mA	
H1130080	800mA	
H1130100	1A	
H1130160	1.6A	
H1130200	2A	
H1130250	2.5A	
H1130300	3A	
H1130315	3.15A	
H1130400	4A	
H1130500	5A	
H1130630	6.3A	
H1130700	7A	
H1130800	8A	
H1130910	10A	
H1130915	15A	
H1130920	20A	

BH Code	Type	IMPA Code
H1230160	1.6A	
H1230200	2A	
H1230250	2.5A	
H1230315	3.15A	
H1230400	4A	
H1230500	5A	
H1230630	6.3A	
H1230800	8A	
H1230910	10A	

## INDICATOR FUSE 5X25mm 250V MEDIUM



BH Code	Type	IMPA Code
H1240010	100mA	
H1240016	160mA	
H1240020	200mA	
H1240025	250mA	
H1240031	315mA	
H1240050	500mA	
H1240063	630mA	
H1240080	800mA	
H1240100	1A	
H1240125	1.25A	
H1240160	1.6A	
H1240200	2A	
H1240250	2.5A	
H1240315	3.15A	
H1240400	4A	
H1240500	5A	
H1240630	6.3A	
H1240800	8A	
H1240910	10A	
H1240916	16A	

## CERAMIC FUSE 5X20mm 250V TIME-LAG



BH Code	Type	IMPA Code
H1150031	315mA	
H1150050	500mA	
H1150063	630mA	
H1150080	800mA	
H1150100	1A	
H1150160	1.6A	
H1150200	2A	
H1150250	2.5A	
H1150315	3.15A	
H1150400	4A	
H1150500	5A	
H1150630	6.3A	
H1150800	8A	
H1150910	10A	

## INDICATOR FUSE 5X25mm 450V



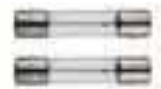
BH Code	Type	IMPA Code
H1260050	500mA	
H1260100	1A	
H1260160	1.6A	
H1260200	2A	
H1260315	3.15A	
H1260400	4A	
H1260500	5A	
H1260630	6.3A	
H1260910	10A	

## INDICATOR FUSE 5X25mm 250V QUICK



BH Code	Type	IMPA Code
H1230025	250mA	
H1230031	315mA	
H1230050	500mA	
H1230063	630mA	
H1230100	1A	
H1230125	1.25A	

## GLASS FUSE 6.3X32mm F250 FAST



BH Code	Type	IMPA Code
H1310010	100mA	793641/793621*
H1310012	125mA	
H1310016	160mA	

BH Code	Type	IMPA Code	BH Code	Type	IMPA Code
H1310020	200mA	793642/793622*	H1320910	10A	
H1310025	250mA		H1320915	15A	
H1310030	300mA	793643/793623*	H1320916	16A	
H1310031	315mA		H1320920	20A	
H1310035	350mA		H1320925	25A	
H1310040	400mA	793644/793624*	H1320930	30A	
H1310050	500mA	793645/793625*	<b>ESKA FUSE 6.3X32mm 500V TIME-LAG</b>		
H1310060	600mA	793646/793626*			
H1310063	630mA		<b>BH Code</b>	<b>Type</b>	<b>IMPA Code</b>
H1310070	700mA		H1340031	315mA	
H1310080	800mA	793647/793627*	H1340050	500mA	
H1310100	1A	793648/793628*	H1340063	630mA	
H1310125	1.25A		H1340080	800mA	
H1310150	1.5A	793649/793629*	H1340100	1A	
H1310160	1.6A		H1340160	1.6A	
H1310200	2A	793650/793630*	H1340200	2A	
H1310250	2.5A		H1340250	2.5A	
H1310300	3A	793651/793631*	H1340315	3.15A	
H1310315	3.15A		H1340400	4A	
H1310400	4A	793652/793632*	H1340500	5A	
H1310500	5A	793653/793633*	H1340630	6.3A	
H1310600	6A	793654/793634*	H1340800	8A	
H1310630	6.3A		H1340910	10A	
H1310700	7A		<b>GLASS FUSE AUTO 6X32mm 24V</b>		
H1310800	8A	793655/793635*			
H1310910	10A	793656/793636*	<b>BH Code</b>	<b>Type</b>	<b>IMPA Code</b>
H1310912	12A		H1360010	10A	
H1310915	15A	793657/793637*	H1360015	15A	
H1310920	20A	793658/793638*	H1360020	20A	
H1310925	25A		<b>GLASS FUSE HOLDER PANEL</b>		
H1310930	30A				

**GLASS FUSE 6.3X32mm F250 SLOW**



BH Code	Type	IMPA Code
H1320010	100mA	
H1320012	125mA	
H1320016	160mA	
H1320020	200mA	
H1320025	250mA	
H1320031	315mA	
H1320040	400mA	
H1320050	500mA	
H1320063	630mA	
H1320080	800mA	
H1320100	1A	
H1320160	1.6A	
H1320200	2A	
H1320250	2.5A	
H1320315	3.15A	
H1320400	4A	
H1320500	5A	
H1320630	6.3A	
H1320700	7A	
H1320800	8A	

**GLASS FUSE HOLDER PANEL**



BH Code	Type	IMPA Code
H1360520	5 X 20mm	
H1360630	6 X 30mm	

**AUTO FUSE BLADE**



BH Code	Type	IMPA Code
H1380002	2A	
H1380003	3A	
H1380005	5A	
H1380007	7.5A	
H1380010	10A	
H1380015	15A	
H1380020	20A	
H1380025	25A	
H1380030	30A	

BH Code	Type	IMPA Code
H1380040	40A	

### SIBA FLUKE METER FUSE



BH Code	Type	IMPA Code
H1387011	11A	
H1387440	440mA	

### FUSE WIRE



BH Code	Type	IMPA Code
H1390001	1A	793721
H1390002	2A	
H1390003	3A	793722
H1390005	5A	793723
H1390010	10A	793724
H1390015	15A	793725
H1390020	20A	793726
H1390025	25A	
H1390030	30A	793727
H1390040	40A	793728
H1390050	50A	793729
H1390060	60A	793730

## Relays

### OMRON RELAY



BH Code	Type	IMPA Code
	<b>MY-2PI 2 POLES 8 PINS</b>	
H2801001	24V AC	
H2801002	24V DC	
H2801003	110V AC	
H2801004	220V AC	
	<b>MY-3PI 3 POLES 11 PINS</b>	
H2802001	24V AC	
H2802002	24V DC	
H2802003	110V AC	
H2802004	220V AC	

### SOCKET FOR MK RELAY



BH Code	Type	IMPA Code
H2801008	PF083A-E 8 PINS	
H2802008	PF113A-E 11 PINS	

### OMRON RELAY



BH Code	Type	IMPA Code
	<b>MY-2 2 POLES 8 PINS</b>	
H2803001	24V AC	
H2803002	24V DC	
H2803003	110V AC	
H2803004	220V AC	
	<b>MY-2N W/LED 2 POLES 8 PINS</b>	
H2803012	24V DC	
H2803013	110V AC	
H2803014	220V AC	
	<b>MY-4 4 POLES 14 PINS</b>	
H2805002	24V DC	
H2805003	110V AC	
H2805004	220V AC	
	<b>MY-4N W/LED 4 POLES 14 PINS</b>	
H2805012	24V DC	
H2805013	110V AC	
H2805014	220V AC	

### SOCKET FOR MY RELAY



BH Code	Type	IMPA Code
H2803018	PYF08A-E 8 PIN	
H2805018	PYF14A-E 14 PIN	

### OMRON RELAY



BH Code	Type	IMPA Code
	<b>MK-2P 2 POLES 8 PINS</b>	
H2811241	DC 24V 40W	
H2811242	DC 24V 60W	
H2811881	AC 110V 40W	
H2811882	AC 110V 60W	
H2811991	AC 220V 40W	
H2811992	AC 220V 60W	
	<b>MK-3P 3 POLES 11 PINS</b>	
H2812241	DC 24V 40W	
H2812881	AC 110V 40W	
H2812882	AC 110V 60W	
H2812992	AC 220V 60W	

## Timers

### OMRON TIMER



BH Code	Type	IMPA Code
	<b>H3CR-A8 2 POLES 8 PINS</b>	
H2821081	AC/DC24-48V	



BH Code	Type	IMPA Code
H2821082	AC100-240V <b>H3CR-A 3 POLES 11 PINS</b>	
H2821111	AC/DC24-48V	
H2821112	AC100-240V <b>H3BA-N8H 2 POLES 8 PINS</b>	
H2822081	DC24V	
H2822082	AC110V 50/60Hz	
H2822083	AC220V 50/60Hz <b>H3BA-N 3 POLES 11 PINS</b>	
H2822111	DC24V	
H2822112	AC110V 50/60Hz	
H2822113	AC220V 50/60Hz	

## Transformers

### TRANSFORMER



BH Code	Primary Voltage	Secondary Voltage	Output Capacity	IMPA Code
H3010010	100V	220V	100VA	793301
H3010020	100V	220V	200VA	793302
H3010030	100V	220V	300VA	793303
H3010050	100V	220V	500VA	793304
H3010075	100V	220V	750VA	
H3010100	100V	220V	1KVA	793305
H3010150	100V	220V	1.5KVA	
H3010200	100V	220V	2KVA	
H3010300	100V	220V	3KVA	
H3010400	100V	220V	4KVA	
H3010500	100V	220V	5KVA	
H3011000	100V	220V	10KVA	
H3030050	110/220V	12/24V	50VA	
H3030100	110/220V	12/24V	100VA	
H3030150	110/220V	12/24V	150VA	
H3030200	110/220V	12/24V	200VA	
H3030250	110/220V	12/24V	250VA	
H3030300	110/220V	12/24V	300VA	
H3030500	110/220V	12/24V	500VA	
H3040050	380/415/440V	110/220V	50/60VA	
H3040075	380/415/440V	110/220V	75VA	
H3040100	380/415/440V	110/220V	100VA	
H3040150	380/415/440V	110/220V	150VA	
H3040200	380/415/440V	110/220V	200VA	
H3040250	380/415/440V	110/220V	250VA	
H3040300	380/415/440V	110/220V	300VA	
H3040500	380/415/440V	110/220V	500VA	
H3040750	380/415/440V	110/220V	750VA	
H3041000	380/415/440V	110/220V	1KVA	
H3045200	TRANSFORMER ENCLOSURE UP TO 200VA			

## Power Suppliers

### POWER SUPPLIER



BH Code	I/P	O/P	IMPA Code
H3080051	110/220V	12V 4.2A	793232
H3080052	110/220V	24V 2.2A	793234
H3080101	110/220V	12V 8.5A	
H3080102	115/230V	24V 4.5A	
H3080201	115/230V	12V 17A	
H3080202	115/230V	24V 8.8A	
H3080352	115/230V	24V 14.6A	793285
H3080502	115/230V	24V 25A	
H3081002	110/220V	24V 41.7A	
H3081502	110/220V	24V 63A	
H3083050	110/220V	5V 3A/12V 1A/24V 1A	
H3083100	110/220V	5V 6A/12V 2A/24V 2A	

## Hour Counters

### HOUR COUNTER



BH Code	Dimension	Voltage	IMPA Code
H3236023	36x24mm	24V AC 60HZ	
H3236024	36x24mm	DC12 - 36V	
H3236110	36x24mm	110V 60Hz	
H3236220	36x24mm	230V 60Hz	
H3248010	48x48mm	DC10 - 80V	
H3248024	48x48mm	24V AC 60HZ	
H3248110	48x48mm	110-130V AC 60HZ	
H3248220	48x48mm	220-240VAC 60HZ	
H3248230	48x48mm	230V AC 50HZ	
H3248415	48x48mm	360-440V AC 50HZ	
H3248440	48x48mm	360-440V AC 60HZ	
H3272220	72X72mm	220-240V 60HZ	
H3272440	72X72mm	380-440V 60HZ	
H3296220	96X96mm	230V 60HZ	
H3296440	96X96mm	360-440V 60HZ	

### ACCESSORIES FOR HOUR COUNTER



BH Code	Dimension	Voltage	IMPA Code
H3236480	BEZEL FOR HOUR COUNTER 48X24mm	-	
H3248720	BEZEL FOR HOUR COUNTER 72X72mm	-	

## Mastervolt

### MASTERVOLT MASS BATTERY CHARGER



BH Code	Type	IMPA Code
H4820102	#40020156 24/15-2 230V-24V 15A	
H4820108	#40010800 230V-12V 80A	
H4820201	#40720266 24/25 230V-24V 25A	
H4820202	#40020256 24/25-2 230V-24V 25A	
H4820205	#40020506 24/50-2 230V-24V 50A	
H4820207	#40020756 24/75-C 230V-24V 75A	
H4820210	#40021006 24/100-C 230V-24V 100A	
H4820401	#40040256 48/25 230V-48V 25A	
H4820402	#40040506 48/50 230V-48V 50A	
H4820410	#40031006 3-24/100 400V 3 PHASE 24V 100A	

### MASTERVOLT CHARGEMASTER



BH Code	Type	IMPA Code
H4810110	#43011000 12/10 230V-12V 10A	
H4810125	#43012500 120/230V-12V 15A IVO	
H4810206	#43020600 24/6-1 230V-24V 6A	
H4830102	#44010250 12/25-3 AC90-265V - DC12V 25A	
H4830103	#44010350 12/35-3 AC90-265V - DC12V 35A	
H4830105	#44010500 12/50-3 AC230V - DC12V 50A	
H4830107	#44010700 12/70-3 AC230V - DC12V 70A	
H4830110	#44011000 12/100-3 AC230V - DC12V 100A	
H4830115	#43011500 12/15-2 AC180-265V - DC12V 15A	
H4830201	#44020120 24/12-3 AC90V-265V - DC24V 12A	
H4830202	#44020200 24/20-3 AC90-265V - DC24V 20A	
H4830203	#44020300 24/30-3 AC90-265V - DC24V 30A	
H4830204	#44020400 24/40-3 AC90-265V - DC24V 40A	
H4830206	#44020600 24/60-3 AC90-265V - DC24V 60A	
H4830208	#44020800 24/80-3 AC90-265V - DC24V 80A	
H4830210	#44021000 24/100-3 AC90-265V - DC24V 100A	
H4831075	#44310750 12/75-3 AC120-230V - DC12V 75A	
H4831100	#44311000 12/100-3 AC120-230V - DC12V 100A	
H4832040	#44320400 24/40-3 AC120-230V - DC24V 40A	
H4832060	#44320600 24/60-3 AC120-230V - DC24V 60A	

### MASTERVOLT DC VOLTAGE CONVERTER



BH Code	Type	IMPA Code
H4840400	#81500400 24V-24V 3A DC-DC (ISOLATED)	
H4841120	#81300400 12V-12V 20A MAGIC DC-DC	

BH Code	Type	IMPA Code
H4841208	#81012080 12V-24V 8A DC-DC	
H4842106	#81021062 IVO8862 24V-12V 6A DC-DC	
H4841210	#81300300 12/24V 10A MAGIC	
H4841220	#81200100 24/12V 20A MAGIC	
H4842120	#81300100 24V-12V 20A DC-DC	
H4842220	#81300200 24V-24V 20A DC-DC	

### MASTERVOLT INVERTER



BH Code	Type	IMPA Code
H4851070	#28010700 AC MASTER 12/700 12V - 230V 700W	
H4851100	#28011000 AC MASTER 12/1000 12V - 230V 1000W	
H4851150	#28011500 AC MASTER 12/1500 12V - 230V 1500W	
H4851212	#24011200 MASS SINE 12/1200 12V - 230V 1200W	
H4851220	#24012000 MASS SINE 12/2000 12V - 230V 2000W	
H4851250	#28012500 AC MASTER 12/2500 12V - 230V 2500W	
H4851280	#24010800 MASS SINE 12/800 12V - 230V 800W	
H4851350	#28013500 AC MASTER 12/3500 12V - 230V 3500W	
H4852070	#28020700 AC MASTER 24/700 24V - 230V 700W	
H4852100	#28021000 AC MASTER 24/1000 24V - 230V 1000W	
H4852150	#28021500 AC MASTER 24/1500 24V - 230V 1500W	
H4852250	#28022500 AC MASTER 24/2500 24V - 230V 2500W	
H4852403	#28020350 AC MASTER 24/350 24V - 230V 300W	
H4852405	#28020500 AC MASTER 24/500 24V - 230V 500W	
H4852408	#24020800 MASS SINE 24/800 24V - 230V 800W	
H4852415	#24021500 MASS SINE 24/1500 24V - 230V 1500W	
H4852425	#24022500 MASS SINE 24/2500 24V - 230V 2500W	
H4852450	#24095100 MASS SINE 24/5000 24V - 230V 5000W	

### MASTERVOLT MASS COMBI SERIES



BH Code	Type	IMPA Code
H4801160	#36011602 MASS COMBI 12/1600-60 MB 230V	
H4801220	#36012202 MASS COMBI 12/2200-100 MB 230V	
H4801250	#37012505 MASS COMBI 12/2500-100 120V	
H4801300	#38013000 MASS COMBI ULTRA 12/3000-150 230V	
H4801400	#37014005 MASS COMBI 12/4000-200 120V	
H4802180	#36021802 MASS COMBI 24/1800-35 MB 230V	
H4802250	#37022505 MASS COMBI 24/2500-60 120V	
H4802260	#36022602 MASS COMBI 24/2600-60 MB 230V	
H4802350	#38023500 MASS COMBI ULTRA 24/3500-100 230V	
H4802400	#37024005 MASS COMBI 24/4000-100 120V	

## MASTERVOLT BATTERY



BH Code	Type	IMPA Code
H4800100	#68001000 MVSV 2V 1000AH	
H4867090	#62000900 AGM 12/90AH	
H4867130	#62001300 AGM 12/130AH	
H4867160	#62001600 AGM 12/160AH	
H4867225	#62002250 AGM 12/225AH	
H4868025	#64000250 MVG 12/25AH	
H4868120	#64001200 MVG 12/120AH	
H4868140	#64001400 MVG 12/140AH	
H4868200	#64002000 MVG 12/200AH	
H4871125	#66012500 MLI ULTRA 12/2500 - 2.5kWh	
H4871150	#6015000 MLI ULTRA 12/5000 - 5kWh	
H4871250	#66025000 MLI ULTRA 24/5000 - 5kWh	

## DIGITAL SWITCHING



BH Code	Type	IMPA Code
H4860000	#80-911-0100-00 CZONE TOUCH 10 DISPLAY MONITOR	
H4866900	#80-911-0069-00 ACOI STANDARD UNIT (AC OUTPUT INTERFACE)	
H4866800	#80-911-0068-00 ACMI STANDARD UNIT (AC MAINS INTERFACE)	
H4861900	#80-911-0119-00 COMBINATION OUTPUT INTERFACE (COI) WITH CONNECTORS	
H4863400	#80-911-0134-00 COI DIGITAL SWITCH BREAKOUT	
H4861100	#80-911-0011-00 SWITCH CONTROL INTERFACE WITH SEAL	
H4861300	#80-911-0013-00 SIGNAL INTERFACE (SI) WITH SEALS & CONNECTOR	
H4860500	#80-911-0005-00 METER INTERFACE (MI) WITH SEAL & PLUG	
H4860900	#80-911-0009-00 OUTPUT INTERFACE (OI) WITH CONNECTOR & PROTECTIVE BOOT	
H4864400	#80-911-0044-00 USB CAN ADAPTOR	
H4869000	#80-911-0090-00 WIRELESS INTERFACE	
H4867200	#80-911-0072-00 CZONE MASTERBUS BRIDGE INTERFACE	

## MASTERVOLT ALTERNATOR AND REGULATOR



BH Code	Type	IMPA Code
H4860012	#45511000 ALPHA PRO 12V	
H4866003	#50900500 WHISPER 3.5 230V 50Hz 3.75 KVA	
H4891090	#48512090 ALPHA PRO 12/90	
H4891130	#48512130 ALPHA PRO 12/130	
H4892075	#48524075 ALPHA PRO 24/75	
H4892110	#48524110 ALPHA PRO 24/110	
H4892150	#48524150 ALPHA PRO 12/150	

## Ventilation Fan

### VENTILATION FAN



BH Code	Type	IMPA Code
H6580821	DC24V	
H6580822	AC110V 50/60Hz	
H6580823	AC220V 50/60Hz	
H6581221	DC24V	
H6581222	AC110V 50/60Hz	
H6581223	AC220V 50/60Hz	
H6581231	DC24V	
H6581232	AC110V 50/60Hz	
H6581233	AC220V 50/60Hz	
H6581250	FINGER GUARD	
H6581260	FILTER	

## MASTERVOLT CHARGER ACCESSORIES



BH Code	Type	IMPA Code
H4830120	#83301202 CHARGE MATE 1202	
H4860070	#83007030 70A BATTERY ISOLATOR	
H4861203	#83012030 120A BI 1203 BATTERY ISOLATOR	
H4861224	#45513000 ALPHA PRO III 12/24V	
H4865020	#70403105 MASTERLINK MICC	
H4865030	#70404100 C4-RB MONITOR PANEL	
H4865041	#21709200 DIGITAL VOLT/AMP PANEL FOR MASS 24/50	
H4865042	#21709300 DIGITAL VOLT/AMP PANEL FOR MASS 24/100	
H4865050	#21702000 CHARGE STATUS INTERFACE	
H4866005	#50201260 A-KIT WHISPER 3.5	
H4866060	#6502001030 6M MODULAR CABLE + PLUG	
H4866100	#6502100100 10M MODULAR CABLE + PLUG	
H4869710	#770-DP-EZ-B MARINCO DOUBLE POLE BATTERY SWITCH	
H4869712	#770-EZ-B MARINCO ON/OFF BATTERY SWITCH	
H4869771	#771-S-B MARINCO BATTERY SWITCH	
H4870103	#77010310 EASYVIEW 5 WATERPROOF SYSTEM MONITOR	
H4870201	#77020110 MASTERSHUNT 500	
H4870204	#77020400 DIGITAL DC 10x10A	
H4870301	#77030100 USB INTERFACE	
H4870305	#77030500 MULTIPURPOSE CONTACT OUTPUT	
H4890002	#45512000 ALPHA PRO II (MASTERBUS) 12 & 24V/ FOR MASTERVOLT AND BOSCH CONNECTION	

## Schneider

### SCHNEIDER RCCB



BH Code	Type	IMPA Code
S0016204S	40A 30MA	
S0016205S	40A 100MA	
S0016206S	40A 300MA	
S0016208S	63A 30MA	
S0016209S	63A 100MA	
S0016210S	63A 300MA	

BH Code	Type	IMPA Code	BH Code	Type	IMPA Code
S0016212S	80A 30MA		S0024095	50A	
S0016213S	80A 100MA		S0024096	63A	
S0016214S	80A 300MA			<b>6KA "C" CURVE</b>	
S0016216S	100A 30MA			<b>1 POLE</b>	
S0016217S	100A 100MA		S0024399	6A	
S0016218S	100A 300MA		S0024401	10A	
S0016246	63A 300(S)MA		S0024403	16A	
S0016248	100A 300(S)MA		S0024404	20A	
	<b>4 POLE</b>		S0024405	25A	
S0016254S	40A 30MA		S0024406	32A	
S0016255S	40A 100MA		S0024407	40A	
S0016256S	40A 300MA		S0024408	50A	
S0016258S	63A 30MA		S0024409	63A	
S0016259S	63A 100MA			<b>2 POLE</b>	
S0016260S	63A 300MA		S0024335	6A	
S0016261S	80A 30MA		S0024336	10A	
S0016263	80A 300MA		S0024337	16A	
S0016265	63A 300(S)MA		S0024338	20A	
S0016266	80A 300(S)MA		S0024339	25A	
			S0024340	32A	
			S0024341	40A	
			S0024342	50A	
			S0024343	63A	
				<b>3 POLE</b>	
			S0024348	6A	
			S0024349	10A	
			S0024350	16A	
			S0024351	20A	
			S0024352	25A	
			S0024353	32A	
			S0024354	40A	
			S0024355	50A	
			S0024356	63A	
				<b>6KA "D" CURVE</b>	
				<b>1 POLE</b>	
			S0024629	6A	
			S0024630	10A	
			S0024632	16A	
			S0024633	20A	
			S0024634	25A	
			S0024635	32A	
			S0024636	40A	
			S0024637	50A	
			S0024638	63A	
				<b>2 POLE</b>	
			S0024657	6A	
			S0024658	10A	
			S0024660	16A	
			S0024661	20A	
			S0024662	25A	
			S0024663	32A	
			S0024664	40A	
			S0024665	50A	
			S0024666	63A	
				<b>3 POLE</b>	
			S0024671	6A	

## SCHNEIDER MCB



BH Code	Type	IMPA Code	BH Code	Type	IMPA Code
	<b>6KA "B" CURVE</b>				
	<b>1 POLE</b>				
S0024049	6A		S0024348	6A	
S0024050	10A		S0024349	10A	
S0024051	16A		S0024350	16A	
S0024052	20A		S0024351	20A	
S0024053	25A		S0024352	25A	
S0024054	32A		S0024353	32A	
S0024055	40A		S0024354	40A	
S0024056	50A		S0024355	50A	
S0024057	63A		S0024356	63A	
	<b>2 POLE</b>			<b>6KA "D" CURVE</b>	
S0024075	6A			<b>1 POLE</b>	
S0024076	10A		S0024629	6A	
S0024077	16A		S0024630	10A	
S0024078	20A		S0024632	16A	
S0024079	25A		S0024633	20A	
S0024080	32A		S0024634	25A	
S0024081	40A		S0024635	32A	
S0024082	50A		S0024636	40A	
S0024083	63A		S0024637	50A	
	<b>3 POLE</b>		S0024638	63A	
S0024088	6A			<b>2 POLE</b>	
S0024089	10A		S0024657	6A	
S0024090	16A		S0024658	10A	
S0024091	20A		S0024660	16A	
S0024092	25A		S0024661	20A	
S0024093	32A		S0024662	25A	
S0024094	40A		S0024663	32A	
			S0024664	40A	
			S0024665	50A	
			S0024666	63A	
				<b>3 POLE</b>	
			S0024671	6A	

BH Code	Type	IMPA Code	BH Code	Type	IMPA Code
S0024672	10A		S0024990	32A	
S0024674	16A		S0024991	40A	
S0024675	20A		S0024992	50A	
S0024676	25A		S0024993	63A	
S0024677	32A			<b>3 POLE</b>	
S0024678	40A		S0024998	6A	
S0024679	50A		S0024999	10A	
S0024680	63A		S0025000	16A	
	<b>10KA "B" CURVE</b>		S0025001	20A	
	<b>1 POLE</b>		S0025002	25A	
S0024643	6A		S0025003	32A	
S0024644	10A		S0025004	40A	
S0024646	16A		S0025005	50A	
S0024647	20A		S0025006	63A	
S0024648	25A			<b>10KA "D" CURVE</b>	
S0024649	32A			<b>1 POLE</b>	
S0024650	40A		S0025159	6A	
S0024651	50A		S0025160	10A	
S0024652	63A		S0025161	16A	
	<b>2 POLE</b>		S0025164	20A	
S0024725	6A		S0025165	25A	
S0024726	10A		S0025166	32A	
S0024727	16A		S0025167	40A	
S0024728	20A		S0025168	50A	
S0024729	25A		S0025169	63A	
S0024730	32A			<b>2 POLE</b>	
S0024731	40A		S0025187	6A	
S0024732	50A		S0025188	10A	
S0024733	63A		S0025189	16A	
	<b>3 POLE</b>		S0025190	20A	
S0024738	6A		S0025191	25A	
S0024739	10A		S0025192	32A	
S0024740	16A		S0025193	40A	
S0024741	20A		S0025194	50A	
S0024742	25A		S0025195	63A	
S0024743	32A			<b>3 POLE</b>	
S0024744	40A		S0025200	6A	
S0024745	50A		S0025201	10A	
S0024746	63A		S0025202	16A	
	<b>10KA "C" CURVE</b>		S0025203	20A	
	<b>1 POLE</b>		S0025205	25A	
S0024972	6A		S0025207	32A	
S0024973	10A		S0025208	40A	
S0024974	16A		S0025209	50A	
S0024975	20A		S0025210	63A	
S0024976	25A				
S0024977	32A				
S0024978	40A				
S0024979	50A				
S0024980	63A				
	<b>2 POLE</b>				
S0024985	6A				
S0024986	10A				
S0024987	16A				
S0024988	20A				
S0024989	25A				

SCHNEIDER MCCB		
BH Code	Type	IMPA Code
	<b>15KA 3P</b>	
S0113060	60A	
S0113080	80A	



BH Code	Type	IMPA Code	BH Code	Type	IMPA Code
	<b>18KA 3P</b>			<b>TYPE NS250N 70KA 3P</b>	
S0213250	250A		S0031670	250A	
	<b>25KA 3P</b>		S0031671	200A	
S0223125	125A		S0031672	160A	
S0223150	150A		S0031673	125A	
S0223160	160A			<b>TYPE NSX100N 50KA 3P</b>	
S0223200	200A		S0429846	25A	
S0223250	250A		S0429844	40A	
	<b>30KA 3P</b>			<b>TYPE NSX100H 70KA 3P</b>	
S0123040	40A		S0429676	25A	
S0123050	50A		S0429674	40A	
S0123060	60A		S0429671	80A	
S0123100	100A			<b>TYPE NSX160H 70KA 3P</b>	
	<b>TYPE NS100N 36KA 3P</b>		S0430671	125A	
S0029630	100A		S0430670	160A	
S0029631	80A			<b>TYPE NSX400F 36KA 3P</b>	
S0029632	63A		S0432676	400A	
S0029633	40A			<b>TYPE NSX630H 70KA 3P</b>	
S0029634	25A		S0432895	630A	
S0029635	16A				
S0029636	50A				
S0029637	32A				
	<b>TYPE NS100H 70KA 3P</b>				
S0029670	100A				
S0029671	80A				
S0029672	63A				
S0029673	40A				
S0029674	25A				
S0029675	16A				
S0029676	50A				
S0029677	32A				
	<b>TYPE NS100NE 36KA 3P</b>				
S0029DE8	15A				
S0029DE7	20A				
S0029DE6	30A				
S0029DE5	40A				
S0029DE4	50A				
S0029DE3	60A				
S0029DE1	80A				
S0029DE0	100A				
	<b>TYPE NS160N 36KA 3P</b>				
S0030633	80A				
S0030632	100A				
S0030631	125A				
S0030630	160A				
	<b>TYPE NS160H 70KA 3P</b>				
S0030673	80A				
S0030672	100A				
S0030671	125A				
S0030670	160A				
	<b>TYPE NS160NE 25KA 3P</b>				
S0030DE6	125A				
S0030DE5	150A				
	<b>TYPE NS250N 36KA 3P</b>				
S0031633	125A				
S0031632	160A				
S0031631	200A				
S0031630	250A				

### SCHNEIDER MOTOR CIRCUIT BREAKER



BH Code	Type	Current/Watts	IMPA Code
T2MC02	GV2MC02 W.T. MOLDED HOUSING IP55		
T2ME01	GV2ME01	0.1 - 0.16A	
T2ME02	GV2ME02	0.16 - 0.25A	
T2ME03	GV2ME03	0.25 - 0.4A	
T2ME04	GV2ME04	0.4 - 0.63A	
T2ME05	GV2ME05	0.63 - 1A	
T2ME06	GV2ME06	1 - 1.6A	
T2ME07	GV2ME07	1.6 - 2.5A	
T2ME08	GV2ME08	2.5 - 4A	
T2ME10	GV2ME10	4 - 6.3A	
T2ME14	GV2ME14	6 - 10A	
T2ME16	GV2ME16	9 - 14A	
T2ME20	GV2ME20	13 - 18A	
T2ME21	GV2ME21	17 - 23A	
T2ME22	GV2ME22	20 - 25A	
T2ME32	GV2ME32	24 - 32A	
T2P07	GV2P07	1.6 - 2.5A	
T2P14	GV2P14	6 - 10A	
T2P16	GV2P16	9 - 14A	
T2P22	GV2P22	20 - 25A	
T3A01	GV3A01 AUX CONTACT N/C + N/O		
T3ME25	GV3ME25	16 - 25A	
T3ME40	GV3ME40	25 - 40A	
T3ME63	GV3ME63	40 - 63A	

## SCHNEIDER ELECTRONIC TIMER



BH Code	Type	IMPA Code	BH Code	Coil Voltage	IMPA Code
T7MY13BU	RE7-MY13BU, 2C/O, AC/DC24V, AC110-240V		TD12M	220V	
T7MY13MW	RE7-MY13MW, 2C/O, AC/DC24-240V		TD12N	415V	
T7TM11BU	RE7-TM11BU 1C/O, AC/DC24-48V, AC110-240V		TD12R	440V	
				<b>LC1D18..</b>	
			TD18B	24V	
			TD18D	42V	
			TD18E	48V	
			TD18F	110V	
			TD18M	220V	
			TD18N	415V	
			TD18P	230V	
			TD18R	440V	

## SCHNEIDER AUX CONTACTOR



BH Code	Coil Voltage	IMPA Code	BH Code	Coil Voltage	IMPA Code
	<b>CAD32..</b>		TD258BD	24V DC	
TC32B	24V AC		TD258M	220V AC	
TC32BD	24V DC		TD258R	440V AC	
TC32D	42V AC			<b>LC1D25..</b>	
TC32E	48V AC		TD25B	24V AC	
TC32F	110V AC		TD25D	42V AC	
TC32FD	110V DC		TD25E	48V AC	
TC32M	220V AC		TD25F	110V AC	
TC32MD	220V DC		TD25M	220V AC	
TC32N	415V AC		TD25N	415V AC	
TC32R	440V AC		TD25P	230V AC	
	<b>CAD50..</b>		TD25R	440V AC	
TC50BD	24V DC			<b>LC1D32..</b>	
TC50F	110V AC		TD32B	24V	
TC50M	220V AC		TD32E	48V	
TC50N	415V AC		TD32F	110V	
TC50R	440V AC		TD32M	220V	
			TD32N	415V	
			TD32R	440V	

## SCHNEIDER 3 POLE CONTACTOR (UP TO 75KW)



BH Code	Coil Voltage	IMPA Code	BH Code	Coil Voltage	IMPA Code
	<b>LC1D09..</b>		TD38F	110V AC	
TD09B	24V AC		TD38M	220V AC	
TD09BD	24VDC		TD38R	440V AC	
TDT40M	220V			<b>LC1D40A</b>	
TD09D	42V AC		TD40B	24V AC	
TD09E	48V AC		TD40AF	110V AC	
TD09F	110V AC		TD40M	220V AC	
TD09M	220V AC		TD40N	415V AC	
TD09N	415V AC		TD40R	440V AC	
TD09P	230V AC			<b>LC1D50A</b>	
TD09Q	380V AC		TD50B	24V AC	
TD09R	440V AC		TD50E	48V AC	
	<b>LC1D128..</b>		TD50F	110V AC	
TD128E	48V AC		TD50M	220V AC	
TD128M	220V AC		TD50AN	415V AC	
	<b>LC1D12..</b>		TD50AR	440V AC	
TD12B	24V AC			<b>LC1D65A</b>	
TD12BD	24V DC		TD65B	24V AC	
TD12E	48V		TD65E	48V AC	
TD12F	110V		TD65AF	110V AC	
			TD65AM	220V AC	
			TD65AN	415V AC	
			TD65ARN	440V AC	
				<b>LC1D80..</b>	
			TD80E	48V AC	
			TD80F	110V AC	

BH Code	Coil Voltage	IMPA Code	BH Code	Type	Time	IMPA Code
TD80M	220V AC		TDR0	LADR0	0.1-3s	
TD80N	415V AC		TDR2	LADR2	0.1-30s	
TD80R	440V AC		TDR4	LADR4	10-180s	
	<b>LC1D95..</b>			<b>TIME ON DELAY</b>		
TD95B	24V AC		TDS2	LADS2	1-30s	
TD95BD	24V DC		TDTO	LADTO	0.1-3s	
TD95F	110V AC		TDT2	LADT2	0.1-30s	
TD95M	220V AC		TDT4	LADT4	10-180s	
TD95N	415V AC					
TD95R	440V AC					
	<b>LC1D115..</b>					
TDA115E	48V AC					
TDA115F	110V AC					
TDA115M	220V AC					
TDA115N	415V AC					
TDA115R	440V AC					
	<b>LC1D150..</b>					
TDA150F	110V AC					
TDA150M	220V AC					
TDA150N	415V AC					

### SCHNEIDER DOL STARTER



BH Code	Type	IMPA Code
	<b>LE1D09..</b>	
TE109M	220V AC	
TE109N	415V AC	
TE109R	440V AC	
	<b>LE1D12..</b>	
TE112M	220V AC	
TE112N	415V AC	
TE112R	440V AC	
	<b>LE1D18..</b>	
TE118M	220V AC	
TE118N	415V AC	
TE118R	440V AC	
	<b>LE1D25..</b>	
TE125M	220V AC	
TE125N	415V AC	
TE125R	440V AC	
	<b>LE1D35..</b>	
TE135M	220V AC	
TE135N	415V AC	
TE135R	440V AC	
	<b>LE1M35..</b>	
TEM710	220/230V	

### SCHNEIDER AUXILIARY CONTACT BLOCK



BH Code	Type	NO	NC	IMPA Code
TDN02	LADN02 CONTACT BLOCK 2 N/C	0	2	
TDN04	LADN04 CONTACT BLOCK 4 N/C	0	4	
TDN11	LADN11 CONTACT BLOCK N/O+N/C	1	1	
TDN13	LADN13 CONTACT BLOCK 1 N/O+3 N/C	1	3	
TDN20	LADN20 CONTACT BLOCK 2 N/O	2	0	
TDN22	LADN22 CONTACT BLOCK 2 N/O+2 N/C	2	2	
TDN31	LADN31 CONTACT BLOCK 3 N/O+1 N/C	3	1	
TDN40	LADN40 CONTACT BLOCK 4 N/O	4	0	

### SCHNEIDER ISOLATOR SWITCH IP66



BH Code	Type	IMPA Code
	<b>2 POLE</b>	
D2012020	20A	
D2012035	35A	
	<b>3 POLE</b>	
D2013020	20A	
D2013035	35A	
D2013055	55A	
D2013063	63A	

### SCHNEIDER STAR-DELTA & F/R STARTER



BH Code	Type	Voltage	IMPA Code
	<b>F/R STARTER</b>		
TE212N	LE2D12N7	415V AC	
	<b>STAR DELTA STARTER</b>		
TE309N	LE3D09N7	415V AC	
TE312N	LE3D12N7	415V AC	
TE318N	LE3D18N7	415V AC	
TE335N	LE3D35N7	415V AC	
TE405N	LE1D405N7	415V AC	
TE405R	LE1D405R7	415V AC	
TE655N	LE1D655N7	415V AC	

### SCHNEIDER TIME-DELAYED AUXILIARY CONTACT



BH Code	Type	Time	IMPA Code
	<b>TIME OFF DELAY</b>		



## SCHNEIDER MAGNETIC CONTACTOR (115 - 500A)



BH Code	Type	IMPA Code
	<b>LC1F115..</b>	
TF115F	110V AC	
TF115M	220V AC	
TF115N	440V AC	
TF115R	440V AC	
	<b>LC1F150..</b>	
TF150M	220V AC	
TF150N	415V AC	
TF150R	440V AC	
	<b>LC1F185..</b>	
TF185M	220V AC	
TF185R	440V AC	
	<b>LC1F225..</b>	
TF225F	110V AC	
TF225M	220V AC	
TF225N	415V AC	
TF225R	440V AC	
	<b>LC1F265..</b>	
TF265M	220V AC	
TF265R	440V AC	
	<b>LC1F400..</b>	
TF400M	220V AC	
TF400R	440V AC	
	<b>LC1F500..</b>	
TF500M	220V AC	

## SCHNEIDER CLIP ON CONTACT BLOCK



BH Code	Type	NO	NC	IMPA Code
TKN11	LA1KN11	1	1	
TKN22	LA1KN22	2	2	

## SCHNEIDER EMPTY METAL CONTROL STATION



BH Code	Type	No. of Holes	IMPA Code
TM1501	XAPM1501	1	
TM1502	XAPM1502	2	
TM2503	XAPM2503	3	
TM2504	XAPM2504	4	

## SCHNEIDER 3 POLE THERMAL OVERLOAD RELAY



BH Code	Type	Range	IMPA Code
TR01	LRD01	0.1 - 0.16A	
TR02	LRD02	0.16 - 0.25A	
TR03	LRD03	0.25 - 0.4A	
TR04	LRD04	0.4 - 0.63A	
TR05	LRD05	0.63 - 1A	
TR06	LRD06	1 - 1.6A	
TR07	LRD07	1.6 - 2.5A	
TR08	LRD08	2.5 - 4A	
TR10	LRD10	4 - 6A	
TR12	LRD12	5.5 - 8A	
TR14	LRD14	7 - 10A	
TR16	LRD16	9 - 13A	
TR21	LRD21	12 - 18A	
TR22	LRD22	16 - 24A	
TR32	LRD32	23 - 32A	
TR35	LRD35	30 - 38A	
TR340	LRD340	30 - 40A	
TR350	LRD350	37 - 50A	
TR365	LRD365	48 - 65A	
TR3322	LRD3322	17 - 25A	
TR3353	LRD3353	23 - 32A	
TR3355	LRD3355	30 - 40A	
TR3357	LRD3357	37 - 50A	
TR3359	LRD3359	48 - 65A	
TR3361	LRD3361	55 - 70A	
TR3363	LRD3363	63 - 80A	
TR3365	LRD3365	80 - 104A	
TR4365	LRD4365	80 - 104A	
TR4367	LRD4367	95 - 120A	

## SCHNEIDER K MAGNETIC CONTACTOR



BH Code	Type	IMPA Code
	<b>LC1K0601..</b>	
TK0601B	24V AC	
TK0601M	220V AC	
	<b>LC1K0610..</b>	
TK0610B	24V AC	
TK0610F	110V AC	
TK0610M	220V AC	
	<b>LC1K0901..</b>	
TK0901E	48V AC	
TK0901M	220V AC	
	<b>LC1K0910..</b>	
TK0910D	42V AC	
TK0910N	400/415V AC	
	<b>LC1K1210..</b>	
TK1210M	220V AC	

## SCHNEIDER PUSHBUTTON



BH Code	Type	No. of Contact	IMPA Code
IGXB4BA21	XB4BA21 (BLACK)	1 N/O	
IGXB4BA31	XB4BA31 (GREEN)	1 N/O	
IGXB4BA42	XB4BA42 (RED)	1 N/C	
IGXB4BA51	XB4BA51 (YELLOW)	1 N/O	
IGXB4BP21	XB4BP21 (BLACK)	1 N/O	
IGXB4BP31	XB4BP31 (GREEN)	1 N/O	
IGXB4BP42	XB4BP42 (RED)	1 N/C	
IGXB4BS542	XB4BS542 EMER. STOP MUSHROOM HEAD	1 N/C	

BH Code	Type	Voltage	IMPA Code
IGXB4BVG3	XB4BVG3 (GREEN)		
IGXB4BVG4	XB4BVG4 (RED)	110/120V AC 50/60Hz	
IGXB4BVG5	XB4BVG5 (YELLOW)	110/120V AC 50/60Hz	
IGXB4BVG6	XB4BVG6 (BLUE)	110/120V AC 50/60Hz	
IGXB4BVM1	XB4BVM1 (WHITE)	230/240V AC 50/60Hz	
IGXB4BVM3	XB4BVM3 (GREEN)	230/240V AC 50/60Hz	
IGXB4BVM4	XB4BVM4 (RED)	230/240V AC 50/60Hz	
IGXB4BVM5	XB4BVM5 (YELLOW)	230/240V AC 50/60Hz	
IGXB4BVM6	XB4BVM6 (BLUE)	230/240V AC 50/60Hz	

## SCHNEIDER ILLUMINATED PUSHBUTTON



BH Code	Type	Voltage	IMPA Code
<b>ILLUM. TRANSFORMER PUSHBUTTON</b>			
IGXB4BW3135	XB4BW3135 (WHITE)	110/120V AC 50/60Hz	
IGXB4BW3335	XB4BW3335 (GREEN)	110/120V AC 50/60Hz	
IGXB4BW3435	XB4BW3435 (RED)	110/120V AC 50/60Hz	
IGXB4BW3535	XB4BW3535 (YELLOW)	110/120V AC 50/60Hz	
IGXB4BW3145	XB4BW3145 (WHITE)	230/240V AC 50/60Hz	
IGXB4BW3345	XB4BW3345 (GREEN)	230/240V AC 50/60Hz	
<b>ILLUM. LED PUSHBUTTON</b>			
IGXB4BW31B5	XB4BW31B5 (WHITE)	24V AC/DC	
IGXB4BW33B5	XB4BW33B5 (GREEN)	24V AC/DC	
IGXB4BW34B5	XB4BW34B5 (RED)	24V AC/DC	
IGXB4BW35B5	XB4BW35B5 (YELLOW)	24V AC/DC	
IGXB4BW36B5	XB4BW36B5 (BLUE)	24V AC/DC	
IGXB4BW31G5	XB4BW31G5 (WHITE)	110/120V AC 50/60Hz	
IGXB4BW33G5	XB4BW33G5 (GREEN)	110/120V AC 50/60Hz	
IGXB4BW34G5	XB4BW34G5 (RED)	110/120V AC 50/60Hz	
IGXB4BW35G5	XB4BW35G5 (YELLOW)	110/120V AC 50/60Hz	
IGXB4BW36G5	XB4BW36G5 (BLUE)	110/120V AC 50/60Hz	
IGXB4BW31M5	XB4BW31M5 (WHITE)	230/240V AC 50/60Hz	
IGXB4BW33M5	XB4BW33M5 (GREEN)	230/240V AC 50/60Hz	
IGXB4BW34M5	XB4BW34M5 (RED)	230/240V AC 50/60Hz	
IGXB4BW35M5	XB4BW35M5 (YELLOW)	230/240V AC 50/60Hz	
IGXB4BW36M5	XB4BW36M5 (BLUE)	230/240V AC 50/60Hz	

## SCHNEIDER SELECTOR SWITCH



BH Code	Type	No. of Contact	IMPA Code
<b>STANDARD</b>			
IGXB4BD21	XB4BD21	1 N/O	
IGXB4BD33	XB4BD33	2 N/O	
IGXB4BD53	XB4BD53	2 N/O	
<b>KEY SELECTOR SWITCH</b>			
IGXB4BG03	XB4BG03	2 N/O	
IGXB4BG21	XB4BG21	1 N/O	
<b>LONG SELECTOR SWITCH</b>			
IGXB4BJ21	XB4BJ21	1 N/O	
IGXB4BJ33	XB4BJ33	2 N/O	
<b>ILLUMINATED SELECTOR SWITCH</b>			
IGXB4BK123B5	XB4BK123B5 (GREEN)	1NO+1NC 24V AC/DC	
IGXB4BK125B5	XB4BK125B5 (YELLOW)	1NO+1NC 24V AC/DC	

## SCHNEIDER PILOT LIGHT



BH Code	Type	Voltage	IMPA Code
<b>TRANSFORMER PILOT LIGHT</b>			
IGXB4BV41	XB4BV41 (WHITE)	230/240V AC	
IGXB4BV43	XB4BV43 (GREEN)	230/240V AC	
IGXB4BV44	XB4BV44 (RED)	230/240V AC	
IGXB4BV45	XB4BV45 (YELLOW)	230/240V AC	
<b>D.S. PILOT LIGHT</b>			
IGXB4BV61	XB4BV61 (WHITE)	250V 2.4W	
IGXB4BV63	XB4BV63 (GREEN)	250V 2.4W	
IGXB4BV64	XB4BV64 (RED)	250V 2.4W	
IGXB4BV65	XB4BV65 (YELLOW)	250V 2.4W	
<b>LED PILOT LIGHT</b>			
IGXB4VB1	XB4VB1 (WHITE)	24V AC/DC	
IGXB4VB3	XB4VB3 (GREEN)	24V AC/DC	
IGXB4VB4	XB4VB4 (RED)	24V AC/DC	
IGXB4VB5	XB4VB5 (YELLOW)	24V AC/DC	
IGXB4VB6	XB4VB6 (BLUE)	24V AC/DC	
IGXB4VVG1	XB4VVG1 (WHITE)	110/120V AC 50/60Hz	

## SCHNEIDER HOIST & PENDANT CONTROL



BH Code	Type	No. of Button	IMPA Code
<b>HOIST</b>			
TXACA211	XACA211	2 BUTTONS	
TXACA2113	XACA2113	2 BUTTON W/EMERGENCY	
<b>PENDANT CONTROL</b>			
TXACA271	XACA271	2 BUTTONS	
TXACA2713	XACA2713	2 BUTTON W/EMERGENCY	
TXACA2813	XACA2813	2 BUTTON W/EMERGENCY	
TXACA2913	XACA2913	2 BUTTON W/EMERGENCY	
TXACA471	XACA471	4 BUTTONS	
TXACA4713	XACA4713	4 BUTTON W/EMERGENCY	

BH Code	Type	No. of Button	IMPA Code
TXACA4813	XACA4813	4 BUTTON W/EMERGENCY	
TXACA671	XACA671	6 BUTTONS	
TXACA6713	XACA6713	6 BUTTON W/EMERGENCY	
TXACA871	XACA871	8 BUTTONS	

BH Code	TYPE	IMPA Code
US292C80	80A	
US282C100	100A	
	<b>S203MC.. 10KA 3P</b>	
US203MC6	6A	
US203MC10	10A	
US203MC16	16A	
US203MC20	20A	
US203MC25	25A	
US203MC32	32A	
US203MC40	40A	
US203MC50	50A	
US203MC63	63A	

### SCHNEIDER CONTROL STATION IP65



BH Code	Type	No. of Button	IMPA Code
TXALD211	XAL-D211H29	2 BUTTONS	
TXALD363	XAL-D363M WITH PILOT LIGHT	2 BUTTONS	
TXALK174	XALK174 EMERGENCY STOP	1 BUTTON	
TXALK178E	XALK178E EMERGENCY STOP	1 BUTTON	
TXALK178F	XALK178F EMERGENCY STOP	1 BUTTON	
TZB4BS844	ZB4BS844 EMERGENCY STOP OP. HEAD		

### ABB MCCB



BH Code	TYPE	IMPA Code
	<b>1SDA0508.. T1B 16KA 3P</b>	
U050870R1	16A	
U050871R1	20A	
U050872R1	25A	
U050873R1	32A	
U050874R1	40A	
U050875R1	50A	
U050876R1	63A	
	<b>1SDA0509.. T2N 36KA 3P</b>	
U050950R1	16A	
U050951R1	20A	
U050952R1	25A	
U050953R1	32A	
U050955R1	50A	
U050956R1	63A	
U050957R1	80A	
U050958R1	100A	
U050959R1	125A	
U050960R1	160A	
	<b>1SDA0512.. T3N 36KA 3P</b>	
U051241R1	63A	
U051242R1	80A	
U051243R1	100A	
U051244R1	125A	
U051245R1	160A	
U051246R1	200A	
U051247R1	250A	
	<b>1SDA0540.. T4H 70KA 3P</b>	
U054045R1	100A	
U054046R1	160A	
U054047R1	250A	
	<b>1SDA0539.. T4N 36KA 3P</b>	
U053997R1	100A	
U053998R1	160A	
U053999R1	250A	
	<b>1SDA0540.. T4S 50KA 3P</b>	
U054021R1	100A	

## ABB

### ABB MCB



BH Code	TYPE	IMPA Code
	<b>S202.. 6KA 2P</b>	
US202B16	16A - B	
US202B32	32A - B	
US202C10	10A - C	
US202C25	25A - C	
US202C40	40A - C	
US202C50	50A - C	
US202C63	63A - C	
US282C80	80A - C	
US282C100	100A - C	
	<b>S203C.. 6KA 3P</b>	
US203C6	6A	
US203C10	10A	
US203C16	16A	
US203C20	20A	
US203C25	25A	
US203C32	32A	
US203C40	40A	
US203C50	50A	
US203C63	63A	
	<b>S202MC.. 10KA 2P</b>	
US202MC6	6A	
US202MC16	16A	
US202MC20	20A	
US202MC25	25A	
US202MC32	32A	
US202MC40	40A	
US202MC50	50A	
US202MC63	63A	

BH Code	TYPE	IMPA Code	BH Code	Coil Voltage	IMPA Code
	<b>1SDA0543.. T5H 70KA 3P</b>		UA121085	415V AC	
U054348R1	320A			<b>A163001..</b>	
U054349R1	400A		UA160180	230V AC	

### ABB RCCB



BH Code	TYPE	IMPA Code	BH Code	Coil Voltage	IMPA Code
	<b>F202AC40../. 40A 2P</b>		UA161081	24V AC	
UF2024001	100MA		UA161084	110V AC	
UF2024003	300MA		UA161085	415V AC	
	<b>F202AC63../. 63A 2P</b>			<b>A263001..</b>	
UF20263003	30MA		UA260180	230V AC	
UF2026301	100MA		UA260181	24V AC	
	<b>F204AC40../. 40A 4P</b>		UA260184	110V AC	
UF20440003	30MA		UA260185	415V AC	
UF2044001	100MA			<b>A263010..</b>	
UF2044003	300MA		UA261080	230V AC	
	<b>F204AC63../. 63A 4P</b>		UA261081	24V AC	
UF2046301	100MA		UA261084	110V AC	
			UA261085	415V AC	
				<b>A303001..</b>	

### ABB SHUNT TRIP



BH Code	Voltage	IMPA Code	BH Code	Coil Voltage	IMPA Code
US2CA2	AC110...415V/DC110...250V		UA300180	230V AC	
			UA300181	24V AC	
			UA300184	110V AC	
			UA300185	415V AC	
				<b>A303010..</b>	
			UA301080	230V AC	
			UA301081	24V AC	
			UA301084	110V AC	
			UA301085	415V AC	

### 3P CONTACTOR - AC CONTROL SUPPLY



BH Code	Coil Voltage	IMPA Code	BH Code	Coil Voltage	IMPA Code
	<b>A93001..</b>		UA400180	230V AC	
UA90180	230V AC		UA400181	24V AC	
UA90181	24V AC		UA400184	110V AC	
UA90184	110V AC		UA400185	415V AC	
UA90185	415V AC			<b>A403001..</b>	
	<b>A93010..</b>		UA401080	230V AC	
UA91080	230V AC		UA401081	24V AC	
UA91081	24V AC		UA401084	110V AC	
UA91084	110V AC		UA401085	415V AC	
UA91085	415V AC			<b>A403010..</b>	
	<b>A123001..</b>		UA501180	230V AC	
UA120180	230V AC		UA501181	24V AC	
UA120181	24V AC		UA501184	110V AC	
UA120184	110V AC		UA501185	415V AC	
UA120185	415V AC			<b>A503011..</b>	
	<b>A123010..</b>		UA631180	230V AC	
UA121080	230V AC		UA631181	24V AC	
UA121081	24V AC		UA631184	110V AC	
UA121084	110V AC		UA631185	415V AC	
UA121085	415V AC			<b>A633011..</b>	
			UA751180	230V AC	
UA121080	230V AC		UA751181	24V AC	
UA121081	24V AC			<b>A753011..</b>	
UA121084	110V AC				

BH Code	Coil Voltage	IMPA Code	BH Code	Coil Voltage	IMPA Code
UA751184	110V AC		UAF5070	100-250AC/DC 50/60HZ	
UA751185	415V AC		UAF5071	250-500AC/DC 50/60HZ	
	<b>A953011..</b>			<b>AF5803011..</b>	
UA951180	230V AC		UAF58069	48-130AC/DC 50/60HZ	
UA951181	24V AC		UAF58070	100-250AC/DC 50/60HZ	
UA951184	110V AC		UAF58071	250-500AC/DC 50/60HZ	
UA951185	415V AC			<b>AF63301..</b>	
	<b>A1103011..</b>		UAF6369	48-130AC/DC 50/60HZ	
UA1101180	230V AC		UAF6370	100-250AC/DC 50/60HZ	
UA1101181	24V AC		UAF6371	250-500AC/DC 50/60HZ	
UA1101184	110V AC			<b>AF753011..</b>	
UA1101185	415V AC		UAF7569	48-130AC/DC 50/60HZ	
	<b>A1453011..</b>		UAF7570	100-250AC/DC 50/60HZ	
UA1451180	230V AC		UAF7571	250-500AC/DC 50/60HZ	
UA1451181	24V AC			<b>AF7503011..</b>	
UA1451184	110V AC		UAF75069	48-130AC/DC 50/60HZ	
UA1451185	415V AC		UAF75070	100-250AC/DC 50/60HZ	
	<b>A1853011..</b>		UAF75071	250-500AC/DC 50/60HZ	
UA1851180	230V AC			<b>AF953011..</b>	
UA1851181	24V AC		UAF9569	48-130AC/DC 50/60HZ	
UA1851184	110V AC		UAF9570	100-250AC/DC 50/60HZ	
UA1851185	415V AC		UAF9571	250-500AC/DC 50/60HZ	
	<b>A2103011..</b>			<b>AF1103011..</b>	
UA2101180	230V AC		UAF11069	48-130AC/DC 50/60HZ	
UA2101181	24V AC		UAF11070	100-250AC/DC 50/60HZ	
UA2101184	110V AC		UAF11071	250-500AC/DC 50/60HZ	
UA2101185	415V AC			<b>AF1453011..</b>	
	<b>A2603011..</b>		UAF14569	48-130AC/DC 50/60HZ	
UA2601180	230V AC		UAF14570	100-250AC/DC 50/60HZ	
UA2601181	24V AC		UAF14571	250-500AC/DC 50/60HZ	
UA2601184	110V AC			<b>AF16503011..</b>	
UA2601185	415V AC		UAF165070	100-250AC/DC 50/60HZ	
	<b>A3003011..</b>			<b>AF16503011..</b>	
UA3001180	230V AC		UAF18569	48-130AC/DC 50/60HZ	
UA3001181	24V AC		UAF18570	100-250AC/DC 50/60HZ	
UA3001184	110V AC		UAF18571	250-500AC/DC 50/60HZ	
UA3001185	415V AC			<b>AF2103011..</b>	
			UAF21069	48-130AC/DC 50/60HZ	
			UAF21070	100-250AC/DC 50/60HZ	
			UAF21071	250-500AC/DC 50/60HZ	
				<b>AF2603011..</b>	
			UAF26069	48-130AC/DC 50/60HZ	
			UAF26070	100-250AC/DC 50/60HZ	
			UAF26071	250-500AC/DC 50/60HZ	
				<b>AF3003011..</b>	
			UAF30069	48-130AC/DC 50/60HZ	
			UAF30070	100-250AC/DC 50/60HZ	
			UAF30071	250-500AC/DC 50/60HZ	
				<b>AF13503011..</b>	
			UAF135070	100-250AC/DC 50/60HZ	

### 3P CONTACTOR - AC/DC CONTROL SUPPLY



BH Code	Coil Voltage	IMPA Code	BH Code	Coil Voltage	IMPA Code
	<b>AF4003011..</b>				
UAF40069	48-130AC/DC 50/60HZ		UAF30069	48-130AC/DC 50/60HZ	
UAF40070	100-250AC/DC 50/60HZ		UAF30070	100-250AC/DC 50/60HZ	
UAF40071	250-500AC/DC 50/60HZ		UAF30071	250-500AC/DC 50/60HZ	
	<b>AF4603011..</b>			<b>AF13503011..</b>	
UAF46069	48-130AC/DC 50/60HZ		UAF135070	100-250AC/DC 50/60HZ	
UAF46070	100-250AC/DC 50/60HZ				
UAF46071	250-500AC/DC 50/60HZ				
	<b>AF503011..</b>				
UAF5069	48-130AC/DC 50/60HZ				

## AUXILIARY CONTACT BLOCK



BH Code	Type	No. of Contact	IMPA Code
<b>FRONT MOUNTING</b>			
U01CA501	CA5-01	1N/C	
U01CA510	CA5-10	1N/O	
U01CA522E	CA5-22E	2N/O + 2N/C	
U01CA531E	CA5-31E	3N/O + 1N/C	
U01CA540E	CA5-40E	4N/O	
<b>SIDE MOUNTING</b>			
U01CAL1811	CAL18-11	1N/O + 1N/C	
U01CAL511	CAL5-11	1N/O + 1N/C	

## MOUNTING KIT



BH Code	Type	For..	IMPA Code
<b>FOR OVERLOAD RELAYS</b>			
U01DB80	DB80	TA42DU/TA75DU/ TA80DU	
U01DB200	DB200	TA110DU/TA200DU	
U01DB2525	DB2525	TA25DU25	
U01DB2532	DB2532	TA25DU32	
<b>FOR CONTACTORS</b>			
U01DT450A1	DT450/A185	A145..A185	
U01DT450A3	DT450/A300	A210..A300	

## ELECTRONIC TIMER FOR STAR/Delta STARTER



BH Code	Type	Voltage	IMPA Code
U01TE5S24	TE5S-24	24V AC/DC	
U01TE5S240	TE5S-240	220 - 240V AC	

## PNEUMATIC TIMER



BH Code	Type	IMPA Code
<b>ON DELAY</b>		
U01TP40DA	TP40DA 0.1-40S	
U01TP180DA	TP180DA 10-180S	
<b>OFF DELAY</b>		
U01TP40IA	TP40IA 0.1-40S	
U01TP180IA	TP180IA 10-180S	

## INTERLOCK



BH Code	Type	For Contactor..	IMPA Code
U01VE51	VE5-1, 2N/C	A/AE/AL9 - A/AE/AL40	
U01VE52	VE5-2, 2N/C	A45 - A110	
U01VM51	VM5-1	A/AE/AL9 - A/AE/AL40	

## MECHANICAL LATCH



BH Code	Coil Voltage	IMPA Code
<b>WB75-A..</b>		
U01WB75A01	24V AC	
U01WB75A04	110V AC	
U01WB75A05	230V AC	
U01WB75A08	415V AC	

## THERMAL OVERLOAD RELAY



BH Code	Range	IMPA Code
<b>TA25DU</b>		
UT25DU0016	0.1 - 0.16A	
UT25DU0025	0.16 - 0.25A	
UT25DU004	0.25 - 0.4A	
UT25DU0063	0.4 - 0.63A	
UT25DU01.0	0.63 - 1.0A	
UT25DU01.4	1.0 - 1.4A	
UT25DU01.8	1.3 - 1.8A	
UT25DU02.4	1.7 - 2.4A	
UT25DU03.1	2.2 - 3.1A	
UT25DU04.0	2.8 - 4.0A	
UT25DU05.0	3.5 - 5.0A	
UT25DU06.5	4.5 - 6.5A	
UT25DU08.5	6.0 - 8.5A	
UT25DU11	7.5 - 11A	
UT25DU14	10 - 14A	
UT25DU19	13 - 19A	
UT25DU25	18 - 25A	
UT25DU32	24 - 32A	
<b>TA42DU</b>		
UT42DU25	18 - 25A	
UT42DU32	22 - 32A	
UT42DU42	29 - 42A	
<b>TA75DU</b>		
UT75DU25	18 - 25A	
UT75DU32	22 - 32A	
UT75DU42	29 - 42A	
UT75DU52	36 - 52A	

BH Code	Range	IMPA Code	BH Code	Range	IMPA Code
UT75DU63	45 - 63A			<b>MS450</b>	
UT75DU80	60 - 80A		UMS45016	11 - 16A	
	<b>TA80DU</b>		UMS45020	14 - 20A	
UT80DU42	29 - 42A		UMS45025	18 - 25A	
UT80DU52	36 - 52A		UMS45032	22 - 32A	
UT80DU63	45 - 63A		UMS45040	28 - 40A	
UT80DU80	60 - 80A		UMS45045	36 - 45A	
	<b>TA110DU</b>		UMS45050	40 - 50A	
UT110DU90	65 - 90A			<b>MS495</b>	
UT110DU110	80 - 110A		UMS49540	28 - 40A	
	<b>TA200DU</b>		UMS49550	36 - 50A	
UT200DU090	66 - 90A		UMS49563	45 - 63A	
UT200DU110	80 - 110A		UMS49575	57 - 75A	
UT200DU150	110 - 150A		UMS49590	70 - 90A	
UT200DU135	100 - 135A		UMS495100	80 - 100A	
UT200DU175	130 - 175A				
UT200DU200	150 - 200A				
	<b>TA450DU</b>				
UT450DU185	130 - 185A				
UT450DU235	165 - 235A				
UT450DU310	220 - 310A				

### AUXILIARY SWITCH



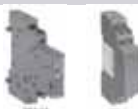
BH Code	No. of Contact	IMPA Code
	<b>MS116HK1</b>	
U02HK102	2N/C	
U02HK111	1N/O + 1N/C	
U02HK120	2N/O	
	<b>MS116HKF1</b>	
U02HKF111	1N/O + 1N/C	
	<b>MS325HK</b>	
U02HK02	2N/C	
U02HK11	1N/O + 1N/C	
U02HK20	2N/O	
	<b>MS325HKF</b>	
U02HKF11	1N/O + 1N/C	
U02HKF20	2N/O	
	<b>MS4HK4-11</b>	
U02HK4-11	1N/O + 1N/C	
	<b>MS4HKS4</b>	
U02HKS4-02	2N/C	
U02HKS4-11	1N/O + 1N/C	
U02HKS420	2N/O	

### MANUAL MOTOR STARTER



BH Code	Coil Voltage	IMPA Code
	<b>MS116</b>	
UMS116016	0.1 - 0.16A	
UMS116025	0.16 - 0.25A	
UMS11604	0.25 - 0.4A	
UMS116063	0.4 - 0.63A	
UMS11610	0.63 - 1.0A	
UMS11616	1.0 - 1.6A	
UMS11625	1.6 - 2.5A	
UMS1164	2.5 - 4.0A	
UMS11663	4.0 - 6.3A	
UMS116100	6.3 - 10A	
UMS116160	10.0 - 16A	
	<b>MS325</b>	
UMS325016	0.1 - 0.16A	
UMS325025	0.16 - 0.25A	
UMS32504	0.25 - 0.4A	
UMS325063	0.4 - 0.63A	
UMS3251.0	0.63 - 1.0A	
UMS3251.6	1.0 - 1.6A	
UMS3252.5	1.6 - 2.5A	
UMS3254	2.5 - 4.0A	
UMS32563	4.0 - 6.3A	
UMS32590	6.3 - 9.0A	
UMS325125	9.0 - 12.5A	
UMS32516	12.5 - 16A	
UMS32520	16 - 20A	
UMS32525	20 - 25A	

### SIGNAL CONTACT



BH Code	No. of Contact	IMPA Code
	<b>MS116SK1</b>	
U02SK102	2N/C	
U02SK111	1N/O + 1N/C	
U02SK120	2N/O	
U02SK11	1N/O + 1N/C	
	<b>MS4SK4</b>	
U02SK411	1N/O + 1N/C	

## OPEN CIRCUIT SHUNT RELEASE & UNDERVOLTAGE RELEASE



BH Code	Type	No. of Contact	IMPA Code
<b>OPEN CIRCUIT SHUNT RELEASE</b>			
U02AA01	MS325AA-01	1N/C	
U02AA02	MS325AA-02	2N/C	
<b>UNDERVOLTAGE RELEASE (MS325UA..)</b>			
U02UA110	110V AC	-	
U02UA230	230V AC	-	
U02UA24	24V AC	-	
U02UA415	415V AC	-	

BH Code	No. of Pole	Coil Voltage	IMPA Code
<b>N80E..</b>			
UN80E80	8 POLE	230V AC	
UN80E81	8 POLE	24V AC	
UN80E84	8 POLE	110V AC	
UN80E85	8 POLE	415V AC	

## Terasaki

### TERASAKI MCCB



BH Code	Type	IMPA Code
<b>TYPE XS-100NB 25KA FC</b>		
H2311001	3P 15A	
H2311002	3P 20A	
H2311003	3P 30A	
H2311004	3P 40A	
H2311005	3P 50A	
H2311006	3P 60A	
H2311007	3P 75A	
H2311010	3P 100A	
<b>TYPE XS-125NS 25KA FC</b>		
H2312012	3P 125A	
<b>TYPE XS-225NS 25KA FC</b>		
H2313020	3P 200A	
H2313022	3P 225A	
<b>TYPE XS-600NS 50KA FC</b>		
H2315060	3P 600A	

### N...CONTACTOR RELAY



BH Code	No. of Pole	Coil Voltage	IMPA Code
<b>N22E..</b>			
UN22E80	4 POLE	230V AC	
UN22E81	4 POLE	24V AC	
UN22E84	4 POLE	110V AC	
UN22E85	4 POLE	415V AC	
<b>N31E..</b>			
UN31E80	4 POLE	230V AC	
UN31E81	4 POLE	24V AC	
UN31E84	4 POLE	110V AC	
UN31E85	4 POLE	415V AC	
<b>N40E..</b>			
UN40E80	4 POLE	230V AC	
UN40E81	4 POLE	24V AC	
UN40E84	4 POLE	110V AC	
UN40E85	4 POLE	415V AC	
<b>N44E..</b>			
UN44E80	4 POLE	230V AC	
UN44E81	4 POLE	24V AC	
UN44E84	4 POLE	110V AC	
UN44E85	4 POLE	415V AC	
<b>N53E..</b>			
UN53E80	8 POLE	230V AC	
UN53E81	8 POLE	24V AC	
UN53E84	8 POLE	110V AC	
UN53E85	8 POLE	415V AC	
<b>N62E..</b>			
UN62E80	8 POLE	230V AC	
UN62E81	8 POLE	24V AC	
UN62E84	8 POLE	110V AC	
UN62E85	8 POLE	415V AC	
<b>N71E..</b>			
UN71E80	8 POLE	230V AC	
UN71E81	8 POLE	24V AC	
UN71E84	8 POLE	110V AC	
UN71E85	8 POLE	415V AC	

### TERASAKI MCCB



BH Code	Type	IMPA Code
<b>TYPE XE-100NS 10KA PM</b>		
H2321002	3P 20A	
H2321004	3P 40A	
<b>TYPE XS-100NB 25KA PM</b>		
H2322002	3P 20A	
H2322006	3P 60A	
<b>TYPE XS-125NS 25KA PM</b>		
H2323012	3P 125A	
<b>TYPE XS-400NS 50KA PM</b>		
H2325030	3P 300A	
H2325040	3P 400A	
<b>TYPE XS-600NS 50KA PM</b>		
H2326050	3P 500A	
H2326060	3P 600A	
<b>TYPE XS-800NS 50KA PM</b>		
H2327070	3P 700A	
H2327080	3P 800A	



BH Code	Type	IMPA Code
	<b>TYPE XS-1000NE 65KA PM</b>	
H2328100	3P 1000A	
H2328120	3P 1200A	

**TERASAKI MCCB**

BH Code	Type	IMPA Code
	<b>TYPE TB-5P 6KA</b>	
H2330210	2P 10A	
H2330215	2P 15A	
H2330220	2P 20A	

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LED Chart Table Lights

LED Handlamps

## AC/DC Adaptors

### AC/DC ADAPTOR



BH Code	Type	IMPA Code
H3020060	110 - 220V 60W	
H3111203	110/220V - 3/12V 350mA	
H3111205	110/220V - 3/12V 500mA	
H3111206	110/220V - 3/12V 600mA	
H3111210	110/220V - 3/12V 1A	

## Measuring Instruments

### SANWA METER



BH Code	Type	IMPA Code
H4101018	SP-18D SHOCK PROOF METER W/CASE	795741
H4101088	SH-88TR AVO METER	795743
H4101360	YX360TRF MULTITESTER W/CASE	
H4101361	YX-361TR AVO METER	795742



H4101506	CX-506A AVO METER	
H4102701	RD701 DIGITAL MULTITESTER	
H4102771	CD-771 DIGITAL MULTIMETER	



H4102800	CD-800A DIGITAL MULTIMETER	795756
H4103010	DCL10 CLAMP METER	
H4103060	DCM60L CLAMP METER	795730
H4104508	DM508S INSULATION TESTER 500V 1000MOHM	795772

### KYORITSU METER



BH Code	Type	IMPA Code
H4212002	2002A DIGITAL CLAMP METER 2000PA	
H4212003	2003A DIGITAL CLAMP METER 2000A AC/DC	
H4212017	2017A DIGITAL CLAMP METER 600A	
H4212608	2608A CLAMP METER 300A	



H4212805	2805 CLAMP METER 600A	
H4223005	3005 DIGITAL INSULATION TESTER	
H4223165	3165 INSULATION TESTER	

### KAISE METER



BH Code	Type	IMPA Code
H4253002	3002 INSULATION TESTER	
H4253003	3003 INSULATION TESTER	

### FLUKE METER



BH Code	Type	IMPA Code
H4300087	87-5 DIGITAL MULTITESTER	
H4300175	175 DIGITAL MULTITESTER	
H4300177	77-4 DIGITAL MULTITESTER	
H4300179	179 DIGITAL MULTI-TESTER	

### SAGAB



BH Code	Type	IMPA Code
H4340100	MAGNET STICK	
H4340110	EX-PROOF MAGNET STICK EEx ib IIC T4	
H4341000	VOLT STICK 110-1000VAC	
H4341020	EX-PROOF VOLT STICK EEx ib IIC T4	
H4342010	DIGITAL VOLTAGE TESTER 0-600V AC/DC	
H4342020	ANALOG VOLTAGE TESTER 6-400V AC/DC	

### OTHER MEASURING INSTRUMENT



BH Code	Type	IMPA Code
H4400003	ETL-3 TEST PROBE RED/BLACK	
H4400005	GK-5 CIRCUIT TESTER 100-600VAC	795722
H4400008	GK-8 VOLTAGE TESTER AC6-380V	795721
H4400010	GK-10 VOLTAGE TESTER AC/DC12-600V	



H4400054	FY-54A BATTERY TESTER	
H4400106	ETL-106 CROCODILE CLIP RED/BLACK	
H4400200	200 DIGITAL CLAMP METER 1000V 1000A	
H4400204	EM204 DIGITAL CLAMP METER AC/DC1000A	
H4400360	YX360TRD MULTITESTER	



H4400480	EM480A DIGITAL INSULATION TESTER	
H4402234	2234A TACHOMETER (PHOTO TYPE)	
H4402235	2235A TACHOMETER (CONTACT TYPE)	
H4403058	EM3058 DIGITAL MULTIMETER	

## SOUTHWIRE MEASURING INSTRUMENT



BH Code	Type	IMPA Code
J5100001	AUTO-RANGING MULTIMETER TRUE RMS IP67 CAT IV	
J5100002	AUTO-RANGING MULTIMETER IP67 CAT IV	
J5100004	AUTO-RANGING MULTIMETER CAT III	
J5100005	MANUAL RANGING MULTIMETER CAT III	
J5100006	3-IN-1 POCKET MULTIMETER CAT IV	
J5100007	ANALOG MULTIMETER	
J5100011	1000A TRUE RMS AC/DC CLAMP METER	
J5100012	400A TRUE RMS AC/DC CLAMP METER	
J5100014	400A AC CLAMP METER	
J5100105	VOLTAGE/CONTINUITY TESTER	
J5100106	AC/DC VOLTAGE TESTER	
J5100107	4-WAY VOLTAGE TESTER	
J5100201	1500°F 20-TO-1 INFRARED THERMOMETER	
J5100204	700°F 8-TO-1 INFRARED THERMOMETER	

BH Code	Size	Voltage	Dimension	IMPA Code
H5007040	Ni-cd AAA 300mAh	1.2V	10.5 X 44.5mm	
H5007060	Ni-NH 160mAh	9V	26.5 X 70.5 X 48mm	
H5007130	NI-MH AA 2700mAh	1.2V	14.5 X 50.5mm	

## BATTERY CHARGER



BH Code	Type	IMPA Code
H5009001	110V	792471
H5009002	220V	792472
H5009005	220V-24VDC 3A	
H5009010	110/220V-12/24VDC 10A	
H5009020	ALPINE 20 220V-12/24VDC 20A	792654*
H5009030	ALPINE 30 220V-12/24VDC 30A	
H5009050	ALPINE 50 220V-12/24VDC 50A	
H5009101	DEFA LIFEBOAT CHARGER 36-62V/14.4V - 2X7A,	

## Batteries/Battery Accessories

### STANDARD BATTERY



BH Code	Size	Voltage	Dimension	IMPA Code
H5001001	UM-1	1.5V	34 X 61.5mm	792401
H5001002	UM-2	1.5V	26 X 50mm	792402
H5001003	UM-3	1.5V	14.5 X 50.5mm	792403
H5001004	UM-4	1.5V	10.5 X 44.5mm	792404
H5001006	S-006P	9V	26.5 X 70.5 X 48mm	790405
H5001007	LANTERN	6V	67 X 67 X 110mm	792435
H5001009	LANTERN SCREW TERMINAL	6V	67 X 67 X 105mm	

### ALKALINE BATTERY



BH Code	Size	Voltage	Dimension	IMPA Code
H5003001	AM-1	1.5V	34 X 61.5mm	792421
H5003002	AM-2	1.5V	26 X 50mm	792422
H5003003	AM-3	1.5V	14.5 X 50.5mm	792423
H5003004	AM-4	1.5V	10.5 X 44.5mm	792424
H5003005	AM-5	1.5V	12.5 X 30.2mm	792425
H5003006	S-006P	9V	26.5 X 70.5 X 48mm	792426

### RECHARGEABLE BATTERY



BH Code	Size	Voltage	Dimension	IMPA Code
H5007011	Ni-cd D 5Ah	1.2V	34 X 61.5mm	
H5007020	Ni-cd C 3.0Ah	1.2V	26 X 50mm	
H5007030	Ni-cd AA 700mAh	1.2V	14.5 X 50.5mm	

### BATTERY ACCESSORIES



BH Code	Type	IMPA Code
H5009250	HYDROMETER 250mm	792661
H5009380	HYDROMETER 380mm	792662
H5009400	SYRINGE	792666
H5009410	BARRELS WITH BOLT FOR ROUND POLE	
H5009420	BARRELS WITH BUTTERFLY BOLT	
H5009450	CLIP INSULATED	
H5009500	JUMPER WIRE WITH CLAMPS	

### BATTERY FOR GENERAL PURPOSE



BH Code	Type	Dimension	IMPA Code
H5010012	ALKALINE 12V	10 X 28mm	
H5013012	BATTERY 3R12S 4.5V	62 X 22 X 66mm	

### BUTTON CELL



BH Code	Type	Voltage	Dimension (Ø X H)	IMPA Code
<b>ALKALINE BATTERY</b>				
H5010043	LR-43	-	11.6 X 4.2mm	792437
H5010044	LR-44	-	11.6 X 5.4mm	792414
H5011130	LR-1130	-	11.6 X 3.05mm	792438
<b>SILVER OXIDE BATTERY</b>				
BH Code	Type	Voltage	Dimension	IMPA Code
H5011041	SR-41	1.5V	7.87 X 3.63mm	792428
H5011043	SR-43	1.5V	11.6 X 4.06mm	792429
H5011044	SR-44	1.5V	11.6 X 5.36mm	792411

## LITHIUM BATTERY



BH Code	Type	Voltage	Dimension	IMPA Code
H5010123	CR123A	3V	17.1 X 34.5mm	
H5011220	CR-1220	3V	12 X 2mm	792412
H5012016	CR-2016	3V	20 X 1.6mm	792419
H5012025	CR2025	3V	20 X 2.5mm	792420
H5012032	CR2032	3V	20 X 3.2mm	792413

BH Code	Type	IMPA Code
H5240404	4 CELL X D	
H5240405	5 CELL X D	
H5240500	MAGLITE RECHARGEABLE FLASHLIGHT	
H5240501	SPARE LAMP FOR MAGLITE RECHARGEABLE FLASHLIGHT	

## Flashlights

### FLASHLIGHT



BH Code	Type	Size	IMPA Code
H5201002	2 CELL W.T. RUBBER FLASHLIGHT	2 X UM1	
H5201003	3 CELL W.T. RUBBER FLASHLIGHT	3 X UM1	
H5202002	2 CELL ABS FLASHLIGHT W/RUBBER HEAD	2 X UM1	
H5202003	3 CELL ABS FLASHLIGHT W/RUBBER HEAD	3 X UM1	
H5203004	4 CELL FLASHLIGHT	4 X UM1	792202
H5203005	SUNLUX 6 CELL LED FLASHLIGHT	6 X UM1	792201
H5203006	KOZUMI 6 CELL FLASHLIGHT	6 X UM1	792201
H5204001R	8052R TRAFFIC WAND (RED)	-	
H5204001Y	8052YW TRAFFIC WAND (YELLOW)	-	



H5220100	SANYO NL-1000NB 220V	792246
H5220610	SANYO NL-610 220V	
H5220630	SANYO NL-630 220V	
H5220786	SANYO NL-786 220V	
H5226610	JAGUAR 6610 LED 110/220V	792248*

### MAGLITE FLASHLIGHT



BH Code	Type	IMPA Code
H5240101	1 CELL X AAA	
H5240102	2 CELL X AAA	
H5240201	2 CELL X AA	
H5240302	2 CELL X C	
H5240303	3 CELL X C	
H5240304	4 CELL X C	
H5240305	5 CELL X C	
H5240402	2 CELL X D	
H5240403	3 CELL X D	

### BRIGHTSTAR FLASHLIGHT



BH Code	Type	Size	IMPA Code
H5262206	#2206	1 X 6V	792240
H5272206	#2206	1 X 6V	792241
H5262217	#2217	2 X UM1	792216
H5272217	#2217	2 X UM1	792237
H5262224	#2224	3 X UM1	792217
H5272224	#2224	3 X UM1	792236
H5262618	#2618	2 X UM1	792212
H5272618	#2618	2 X UM1	792235

### SUNLUX RECHARGEABLE LED FLASHLIGHT



BH Code	Type	Voltage	Current/Watts	IMPA Code
H5290100	MR0100 50Hz	230VAC	1W	
H5290101	NR0102 (2 FLAT PIN) 50/60Hz	100-240VAC	1W	
H5290102	NR0102 (2 ROUND PIN) 50/60Hz	100-240VAC	1W	

### RECHARGEABLE SEARCHLIGHT



BH Code	Type	IMPA Code
H5210010	YD-9000	
H5210221	KOZUMI LF-221	
H5210300	RHINO HIGH POWER HANDHELD	

### SUNLUX RECHARGEABLE LED SPOTLIGHT



BH Code	Type	Voltage	Current/Watts	IMPA Code
H5290500	SR0500 50/60Hz	100-240VAC	5W	
H5291000	SR1000 50/60Hz	100-240VAC	10W	

### RECHARGEABLE HEAVY DUTY SPOTLIGHT



BH Code	Type	IMPA Code
H5210221	KOZUMI LF-221	

## Aerosols

### CONTACT CLEANER/VARNISH SPRAY



BH Code	Type	IMPA Code
H6010002	ELECTRIC CONTACT CLEANER SPRAY 200mL	795510*
H6010004	AEV CONTACT CLEANER FAST DRY 400mL	795511*
H6010011	AEV INSULATION VARNISH RED SPRAY	795523*
H6010012	AEV INSULATION VARNISH CLEAR SPRAY	795521*
H6010020	INSULATION VARNISH RED 4LTR	795524
H6010025	INSULATION VARNISH CLEAR 4LTR	795522



BH Code	Type	IMPA Code
H6020040	WD-40 SPRAY RESTORER	
H6020226	CRC 2-26 INDUSTRY FORMULA	450591
H6022016	CRC 2016 CONTACT CLEANER SPRAY	
H6022019	CRC 2019 LECTRA CLEAN	
H6022049	CRC 2049 CLEAR VARNISH SPRAY	

## Portable Ventilation Fan/Blowers

### PORTABLE VENTILATION FAN



BH Code	Type	Dimension	IMPA Code
H6510081	U8 AC110V 50/60Hz	200mm	591402
H6510082	U8 AC220V 50/60Hz	200mm	591406
H6510121	U12 AC110V 50/60Hz	300mm	591403*
H6510122	U12 AC220V 50/60Hz	300mm	591407*
H6510125	FAN BLADE FOR TYPHOON U-12	-	

### VENTILATION FAN DUCTING



BH Code	Type	IMPA Code
H6520205	200mm X 5M	591481
H6520210	200mm X 10M	591482
H6520305	300mm X 5M	591483
H6520310	300mm X 10M	591484

### ELECTRIC PORTABLE HAND BLOWER



BH Code	Type	IMPA Code
H6540010	AC 110V	

BH Code	Type	IMPA Code
H6540020	AC 220V	

## Hot Air Guns/Fan Heaters

### HOT AIR GUN



BH Code	Type	IMPA Code
H6541114	110V 1600W	
H6542220	220V 2000W	

### FAN HEATER WITH THERMOSTAT



BH Code	Type	IMPA Code
H6550010	110V 1200W	174775
H6550020	220V 2000W	174776

## Power Tools

### FASTENING TOOL



BH Code	Type	IMPA Code
J0200001	16mm Corded Impact Wrench WR16SA	
J0200002	22mm Corded Impact Wrench WR22SA	
J0200003	22mm Corded Impact Wrench WR22SA	
J0200004	14V Cordless Impact Wrench WR14DBDL	
J0200005	18V Cordless Impact Wrench WR18DBDL	
J0200006	18V Cordless Impact Wrench WR18DSDL	

### POLISHING TOOL



BH Code	Type	IMPA Code
J0300001	7" Polisher SP18SB	
J0300002	7" Sander Polisher SAT180	
J0300003	7" Sander Polisher SAT180	
J0300004	7" Sander Polisher SP18VA	
J0300005	7" Sander Polisher S18SB	
J0300006	Square Orbital Sander SV12SG	
J0300007	5" Round Random Orbit Sander SV13YB	
J0300008	3" Belt Sander SB8V2	
J0300009	4" Belt Sander SB10V2	

## DRILLING TOOL



BH Code	Type	IMPA Code
J0100001	16mm Standing Drill B16RM	
J0100002	16mm Bench Drill DP3050AH	
J0100003	13mm Bench Drill DP2300AH	
J0100004	10mm Corded Drill D10VST	
J0100005	10mm Corded Drill D10VC2	
J0100006	10mm Corded Drill D10VC2	
J0100007	13mm Corded Drill D13VH	
J0100008	13mm Corded Drill D13VH	
J0100009	10mm Corded Drill DUT13	
J0100010	10mm Corded Drill DUT13	
J0100011	13mm Corded Drill D13	
J0100012	16mm Corded Drill PUPM3	
J0100013	13mm Corded Impact Drill DV13VSS	
J0100014	16mm Corded Impact Drill FDV16VB2	
J0100015	16mm Corded Impact Drill VTP16A	
J0100016	16mm Corded Impact Drill DV16VSS	
J0100017	13mm Corded Impact Drill DV18V	
J0100018	13mm Corded Impact Drill VTP18	
J0100019	13mm Corded Impact Drill VTP18	
J0100020	10mm Angel Drill D10YB	
J0100021	26mm Corded Rotary Hammer Drill DH26PB	
J0100022	26mm Corded Rotary Hammer Drill DH26PC	
J0100023	28mm Corded Rotary Hammer Drill DH28PBY	
J0100024	28mm Corded Rotary Hammer Drill DH28PCY	
J0100025	10.8V Cordless Driver Drill DS10DAL	
J0100026	10.8V Cordless Impact Driver WH10DAL	
J0100027	14V Cordless Driver Drill DS14DJL	
J0100028	18V Cordless Driver Drill DS18DJL	
J0100029	14V Cordless Impact Driver Drill DV14DJL	
J0100030	18V Cordless Impact Driver Drill DV18DJL	
J0100031	14V Cordless Impact Driver WH14DJL	
J0100032	18V Cordless Impact Driver WH18DJL	
J0100033	3.6V Cordless Driver Drill DB3DL2	
J0100034	18V Cordless Driver Drill DS18DJL	
J0100035	10.8V Cordless Angle Impact Driver WH10DCL	
J0100036	14V Cordless Impact Driver Drill DV14DBL	
J0100037	18V Cordless Impact Driver Drill DV18DBL	
J0100038	14V Cordless Impact Driver WH14DBAL2	
J0100039	18V Cordless Impact Driver WH18DBAL2	
J0100040	14V Cordless Rotary Hammer DH14DSL	
J0100041	18V Cordless Rotary Hammer DH18DSL	

## GRINDING TOOL



BH Code	Type	IMPA Code
J0300001	4" Corded Disc Grinder PDA100D	

## BH Code

## Type

## IMPA Code

J0300002	4" Corded Disc Grinder PDA100D	
J0300003	4" Corded Disc Grinder G10SS	
J0300004	4" Corded Disc Grinder G10SS	
J0300005	4" Corded Disc Grinder G10SQ	
J0300006	4" Corded Disc Grinder G10SQ	
J0300007	5" Corded Disc Grinder G13SR3	
J0300008	5" Corded Disc Grinder G13SC2	
J0300009	5" Corded Disc Grinder G13SC2	
J0300010	5" Corded Disc Grinder G13SQ	
J0300011	7" Corded Disc Grinder G18SE3	
J0300012	7" Corded Disc Grinder G18SE3	
J0300013	7" Corded Disc Grinder G18SS	
J0300014	5" Corded Portable Grinder GP13	
J0300015	6mm Hand Grinder LDU4	
J0300016	6mm Hand Grinder GP2S2	
J0300017	14V 4" Cordless Disc Grinder G14DSL	
J0300018	18V 4" Cordless Disc Grinder G18DSL	

## CUTTING TOOL



## BH Code

## Type

## IMPA Code

J0500001	4" Cutter CM4ST	
J0500002	4" Cutter CM4SB2	
J0500003	4" Cutter CM4SB2	
J0500004	12" Cutter CM12Y	
J0500005	High-Speed Cut-Off Machine CC14ST	
J0500006	High-Speed Cut-Off Machine CC16SA	
J0500007	High-Speed Cut-Off Machine CC16SA	
J0500008	High-Speed Cut-Off Machine CC14SB	
J0500009	Shearer CE16SA	
J0500010	Nibbler CN16SA	
J0500011	18V Cordless Stud Cutter CL18DSL	
J0500012	14V Oscillating Multi Cutter CV14DBL	
J0500013	18V Oscillating Multi Cutter CV18DBL	
J0500014	Square Portable Table Saw C10RE	

## OTHER TOOL



## BH Code

## Type

## IMPA Code

J0600001	High Pressure Washer AW100	
J0600002	High Pressure Washer AW130	
J0600003	High Pressure Washer AW150	
J0600004	Heat Gun RH600T	
J0600005	Heat Gun RH650T	
J0600006	Mixer UM12VST	
J0600007	Mixer UM16VST	
J0600008	15 Litre Dust Extractor RP150YB	
J0600009	25 Litre Dust Extractor RP250YE	

BH Code	Type	IMPA Code	BH Code	Type	IMPA Code
J0600010	35 Litre Dust Extractor RP350YE		J2200032	NETSUREN Single Open-End Wrench 63mm	
J0600011	Oscillating Multi Cutter CV350V		J2200033	NETSUREN Single Open-End Wrench 65mm	

## Hand Tools

### SOCKET SETS AND ACCESSORIES



BH Code	Type	IMPA Code
J2000015	TONE 3/4" Dr Socket Set (200)	
J2000016	TONE 3/4" Dr Socket Set (200M ISO)	
J2000017	TONE 3/4" Dr Socket Set (230M)	
J2000018	TONE 1" Dr Socket Set (240M)	
J2000019	TONE 1" Dr Socket Set (250M ISO)	
J2000020	TONE 1/4", 1/2", 3/4" Dr Combination Socket Set (146)	

### WRENCHES AND ACCESSORIES



BH Code	Type	IMPA Code
J2200001	NETSUREN Single Open-End Wrench 5.5mm	
J2200002	NETSUREN Single Open-End Wrench 6mm	
J2200003	NETSUREN Single Open-End Wrench 7mm	
J2200004	NETSUREN Single Open-End Wrench 8mm	
J2200005	NETSUREN Single Open-End Wrench 9mm	
J2200006	NETSUREN Single Open-End Wrench 10mm	
J2200007	NETSUREN Single Open-End Wrench 11mm	
J2200008	NETSUREN Single Open-End Wrench 12mm	
J2200009	NETSUREN Single Open-End Wrench 13mm	
J2200010	NETSUREN Single Open-End Wrench 14mm	
J2200011	NETSUREN Single Open-End Wrench 17mm	
J2200012	NETSUREN Single Open-End Wrench 19mm	
J2200013	NETSUREN Single Open-End Wrench 21mm	
J2200014	NETSUREN Single Open-End Wrench 22mm	
J2200015	NETSUREN Single Open-End Wrench 23mm	
J2200016	NETSUREN Single Open-End Wrench 24mm	
J2200017	NETSUREN Single Open-End Wrench 26mm	
J2200018	NETSUREN Single Open-End Wrench 27mm	
J2200019	NETSUREN Single Open-End Wrench 29mm	
J2200020	NETSUREN Single Open-End Wrench 30mm	
J2200021	NETSUREN Single Open-End Wrench 32mm	
J2200022	NETSUREN Single Open-End Wrench 35mm	
J2200023	NETSUREN Single Open-End Wrench 36mm	
J2200024	NETSUREN Single Open-End Wrench 38mm	
J2200025	NETSUREN Single Open-End Wrench 41mm	
J2200026	NETSUREN Single Open-End Wrench 46mm	
J2200027	NETSUREN Single Open-End Wrench 50mm	
J2200028	NETSUREN Single Open-End Wrench 54mm	
J2200029	NETSUREN Single Open-End Wrench 55mm	
J2200030	NETSUREN Single Open-End Wrench 58mm	
J2200031	NETSUREN Single Open-End Wrench 60mm	
J2200032	NETSUREN Single Open-End Wrench 63mm	
J2200033	NETSUREN Single Open-End Wrench 65mm	
J2200034	NETSUREN Single Open-End Wrench 67mm	
J2200035	NETSUREN Single Open-End Wrench 70mm	
J2200036	NETSUREN Single Open-End Wrench 71mm	
J2200037	NETSUREN Single Open-End Wrench 75mm	
J2200038	NETSUREN Single Open-End Wrench 77mm	
J2200039	NETSUREN Single Open-End Wrench 80mm	
J2200040	NETSUREN Single Open-End Wrench 85mm	
J2200041	NETSUREN Single Open-End Wrench 90mm	
J2200042	NETSUREN Single Open-End Wrench 95mm	
J2200043	NETSUREN Single Open-End Wrench 100mm	
J2200044	NETSUREN Single Open-End Wrench 105mm	
J2200045	NETSUREN Single Open-End Wrench 110mm	
J2200046	NETSUREN Single Open-End Wrench 115mm	
J2200047	NETSUREN Single Open-End Wrench 120mm	
J2200048	NETSUREN Single-Bent Ring Spanner 10mm	
J2200049	NETSUREN Single-Bent Ring Spanner 11mm	
J2200050	NETSUREN Single-Bent Ring Spanner 12mm	
J2200051	NETSUREN Single-Bent Ring Spanner 13mm	
J2200052	NETSUREN Single-Bent Ring Spanner 14mm	
J2200053	NETSUREN Single-Bent Ring Spanner 17mm	
J2200054	NETSUREN Single-Bent Ring Spanner 19mm	
J2200055	NETSUREN Single-Bent Ring Spanner 21mm	
J2200056	NETSUREN Single-Bent Ring Spanner 22mm	
J2200057	NETSUREN Single-Bent Ring Spanner 23mm	
J2200058	NETSUREN Single-Bent Ring Spanner 24mm	
J2200059	NETSUREN Single-Bent Ring Spanner 26mm	
J2200060	NETSUREN Single-Bent Ring Spanner 27mm	
J2200061	NETSUREN Single-Bent Ring Spanner 29mm	
J2200062	NETSUREN Single-Bent Ring Spanner 30mm	
J2200063	NETSUREN Single-Bent Ring Spanner 32mm	
J2200064	NETSUREN Single-Bent Ring Spanner 35mm	
J2200065	NETSUREN Single-Bent Ring Spanner 36mm	
J2200066	NETSUREN Single-Bent Ring Spanner 38mm	
J2200067	NETSUREN Single-Bent Ring Spanner 41mm	
J2200068	NETSUREN Single-Bent Ring Spanner 46mm	
J2200069	NETSUREN Single-Bent Ring Spanner 50mm	
J2200070	NETSUREN Single-Bent Ring Spanner 54mm	
J2200071	NETSUREN Single-Bent Ring Spanner 55mm	
J2200072	NETSUREN Single-Bent Ring Spanner 58mm	
J2200073	NETSUREN Single-Bent Ring Spanner 60mm	
J2200074	NETSUREN Single-Bent Ring Spanner 63mm	
J2200075	NETSUREN Single-Bent Ring Spanner 65mm	
J2200076	NETSUREN Single-Bent Ring Spanner 67mm	
J2200077	NETSUREN Single-Bent Ring Spanner 70mm	
J2200078	NETSUREN Single-Bent Ring Spanner 71mm	
J2200079	NETSUREN Single-Bent Ring Spanner 75mm	
J2200080	NETSUREN Single-Bent Ring Spanner 77mm	
J2200081	NETSUREN Single-Bent Ring Spanner 80mm	
J2200082	SUPER Adjustable Wrench MAN 100 - 4"	
J2200083	SUPER Adjustable Wrench MAN 150 - 6"	
J2200084	SUPER Adjustable Wrench MAN 200 - 8"	
J2200085	SUPER Adjustable Wrench MAN 250 - 24"	
J2200086	SUPER Adjustable Wrench MAN 300 - 12"	
J2200087	SUPER Adjustable Wrench MAN 375 - 15"	



BH Code	Type	IMPA Code
J2200088	SUPER Adjustable Wrench MAN 450 - 18"	
J2200089	SUPER Adjustable Wrench H600 - 24"	
J2200090	SUPER Adjustable Hook Spanner 35-105mm	
J2200091	SUPER Adjustable Hook Spanner 95-165mm	
J2200092	M10 Pipe Wrench 6"	
J2200093	M10 Pipe Wrench 8"	
J2200094	M10 Pipe Wrench 10"	
J2200095	M10 Pipe Wrench 12"	
J2200096	M10 Pipe Wrench 14"	
J2200097	M10 Pipe Wrench 18"	
J2200098	M10 Pipe Wrench 24"	
J2200099	M10 Pipe Wrench 36"	
J2200100	M10 Pipe Wrench 48"	
J2200101	SUPER Tong (Chain Pipe Wrench) ST-0	
J2200102	SUPER Tong (Chain Pipe Wrench) ST-1	
J2200103	SUPER Tong (Chain Pipe Wrench) ST-1L	
J2200104	SUPER Tong (Chain Pipe Wrench) ST-1.5	
J2200105	SUPER Tong (Chain Pipe Wrench) ST-2	
J2200106	SUPER Tong (Chain Pipe Wrench) ST-2L	
J2200107	SUPER Tong (Chain Pipe Wrench) ST-2.5	
J2200108	SUPER Tong (Chain Pipe Wrench) ST-3	
J2200109	SUPER Tong (Chain Pipe Wrench) ST-3L	
J2200110	SUPER Tong (Chain Pipe Wrench) ST-4	

## SOUTHWIRE DRIVER



BH Code	Type	IMPA Code
J5000217	5-IN-1 MULTI-BIT LIGHTED SCREWDRIVER	
J5000230	SDREV-1 REVERSIBLE SCREWDRIVER, PHILLIPS/CABINET TIP	

## SOUTHWIRE KITS AND ACCESSORIES



BH Code	Type	IMPA Code
J5000500	FLEXIBLE LED LIGHT	
J5100211	BORESCOPE INSPECTION CAMERA	
J5100221	CIRCUIT BREAKER FINDER W/ GFCI	

# OMNISENSE

## SURVEILLANCE



BH Code	Type	IMPA Code
TC000001	THERMAL CAMERA ULYSSES II-E1 (U2E15012-SP) W/ 50MM LENS	

## SOUTHWIRE PLIER



BH Code	Type	IMPA Code
J5000001	8" HIGH-LEVERAGE DIAGONAL CUTTING PLIERS W/ COMFORT GRIP HANDLES	
J5000011	9" HIGH-LEVERAGE SIDE CUTTING PLIERS W/COMFORT GRIP HANDLES	
J5000022	6" LONG-NOSE PLIERS W/SIDE CUTTER AND COMFORT GRIP HANDLES	
J5000031	6-1/2" 4-POSITION PUMP PLIERS W/COMFORT GRIP HANDLES	
J5000040	5-IN-1 MULTI-TOOL PLIERS	

## SOUTHWIRE CRIMP TOOL



BH Code	Type	IMPA Code
J5000600	HCT-C1 COAX 3-IN-1 CRIMP TOOL	

## SOUTHWIRE STRIPPING AND CUTTING



BH Code	Type	IMPA Code
J5000107	6-IN-1 MULTI-PURPOSE STRIPPER	
J5000114	RATCHETING CABLE CUTTERS 750 CU/1000 AL W/ COMFORT GRIP HANDLES	
J5000118	11-IN-1 FOLDING MULTI-TOOL	



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