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# ALPHABETIC PRODUCT INDEX

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Contactors Installation	Iskra	1	1	Power Factor Controllers	Delab	8	1
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Current Transformers		14	2	Push Button Legends		10	1
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Earth Leakage Units - MCB	Chint	11	2	Relays 4 pole - Contactor Frame	Iskra	1	1
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**Contactors - Installation, Mini, 4 Pole Relays,  
Standard Frame**



**Contactors - Large Frame**

No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b>INSTALLATION CONTACTORS</b>				<b>LARGE FRAME CONTACTORS</b>			
1	IK25-40-230	ISKRA 25A INSTALLATION CONTACTOR 4POLE	572.00	<b>(KNN Series) - NEW!</b>			
2	IK40-40-230	ISKRA 40A INSTALLATION CONTACTOR 4POLE	1024.00	<b>CONTACTORS</b>			
3	IK63-40-230	ISKRA 63A INSTALLATION CONTACTOR 4POLE	1287.00	35	KNN80-***	ISKRA 80A AC 37KW CONTACTOR (15KT)	3842.00
<b>MINI CONTACTORS</b>				36	KNN95-***	ISKRA 95A AC 45KW CONTACTOR (15LT)	4310.00
<b>CONTACTORS</b>				37	KNN110-***	ISKRA 110A AC 55KW CONTACTOR (15MT)	4891.00
4	K07M-10-***	4KW MINI CONTACTOR - 1NO AUX	334.00	38	KNN150-***	ISKRA 150A AC 75KW CONTACTOR (15NT)	6466.00
5	K07M-01-***	4KW MINI CONTACTOR - 1NC AUX	334.00	39	KNN175-***	ISKRA 175A AC 90KW CONTACTOR (15PT)	7718.00
<b>AUXILIARY CONTACT BLOCKS</b>				40	KNN210-***	ISKRA 210A AC 110KW CONTACTOR (15RT)	9283.00
6	ND2M-11	1NO+1NC AUXILIARY	90.00	41	KNN260-***	ISKRA 260A AC 132KW CONTACTOR (15ST)	9799.00
<b>ACCESSORIES &amp; SPARES</b>				42	KNN315-***	ISKRA 315A AC 160KW CONTACTOR (15TT)	13535.00
7	MB7	MECHANICAL INTERLOCK	147.00	43	KNN450-***	ISKRA 450A AC 250KW CONTACTOR (55B) - 2NO+2NC	21299.00
<b>4 POLE RELAYS</b>				44	KNN550-***	ISKRA 550A AC 315KW CONTACTOR (57B) - 2NO+2NC	29901.00
8	KNL6-22-***	4 POLE RELAYS - 2NO+2NC AUX	357.00	45	KNN700-***	ISKRA 700A AC 400KW CONTACTOR (62) - 2NO+2NC	42071.00
<b>STANDARD FRAME CONTACTORS</b>				<b>COILS &amp; FEEDER GROUPS</b>			
<b>CONTACTORS</b>				46	B02-110	ISKRA 110vac 50/60Hz COIL FOR (KNN80-95)	561.00
9	KNL9-01-***	4.0KW CONTACTOR - 1NC AUX	357.00	47	B02-230	ISKRA 230vac 50Hz COIL FOR (KNN80-95)	561.00
10	KNL9-10-***	4.0KW CONTACTOR - 1NO AUX	357.00	48	B02-400	ISKRA 400vac 50Hz COIL FOR (KNN80-95)	561.00
11	KNL12-01-***	5.5KW CONTACTOR - 1NC AUX	421.00	49	B022-110	ISKRA 110vac 50/60Hz COIL FOR (KNN110)	1258.00
12	KNL12-10-***	5.5KW CONTACTOR - 1NO AUX	421.00	50	B022-230	ISKRA 230vac 50Hz COIL FOR (KNN110)	1258.00
13	KNL16-01-***	7.5KW CONTACTOR - 1NC AUX	528.00	51	B022-400	ISKRA 400vac 50Hz COIL FOR (KNN110)	1258.00
14	KNL16-10-***	7.5KW CONTACTOR - 1NO AUX	528.00	52	B031-110	ISKRA 110vac 50/60Hz COIL FOR (KNN150-175)	1764.00
15	KNL22-00-***	11KW CONTACTOR	689.00	53	B031-230	ISKRA 230vac 50Hz COIL FOR (KNN150-175)	1764.00
16	KNL30-00-***	15KW CONTACTOR	860.00	54	B031-400	ISKRA 400vac 50Hz COIL FOR (KNN150-175)	1764.00
17	KNL43-11-***	22KW CONTACTOR - 1NC+1NO AUX	1832.00	55	B041-110	ISKRA 110vac 50Hz COIL FOR (KNN210-315)	5055.00
18	KNL63-11-***	30KW CONTACTOR - 1NC+1NO AUX	2865.00	56	B041-230	ISKRA 230vac 50Hz COIL FOR (KNN210-315)	5055.00
<b>COIL</b>				57	B041-400	ISKRA 400vac 50Hz COIL FOR (KNN210-315)	5055.00
19	KNL9-56-***	COIL 50 HZ FOR KNL9 - KNL30	121.00	58	B51-110	ISKRA 110vac 50/60Hz COIL FOR (KNN450-550)	3850.00
20	KNL43-56-***	COIL 50 HZ FOR KNL43 - KNL63	504.00	59	B51-230	ISKRA 230vac 50Hz COIL FOR (KNN450-550)	3850.00
<b>AUXILIARY CONTACT BLOCKS</b>				60	B51-400	ISKRA 400vac 50Hz COIL FOR (KNN450-550)	3850.00
21	NDL2-11	1NO+1NC AUXILIARY FOR KNL9 - KNL30	104.00	61	B61-110	ISKRA 110vac 50/60Hz COIL FOR (KNN700)	6121.00
22	NDL2-02	2NC AUXILIARY FOR KNL9 - KNL30	104.00	62	B61-230	ISKRA 230vac 50Hz COIL FOR (KNN700)	6121.00
23	NDL2-13	1NO+3NC AUXILIARY FOR KNL9 - KNL30	167.00	63	B61-400	ISKRA 400vac 50Hz COIL FOR (KNN700)	6121.00
24	NDL2-22	2NO+2NC AUXILIARY FOR KNL9 - KNL30	167.00	<b>(Note: B51 &amp; B61 are used inconjunction with a Feeder Group below)</b>			
25	NDL2-31	3NO+1NC AUXILIARY FOR KNL9 - KNL30	167.00	64	FG51-110	ISKRA 110-120vac FEEDER FOR KNN450-550	3261.00
26	NDL4-11	1NO+1NC AUXILIARY FOR KNL43 - KNL63	232.00	65	FG51-230	ISKRA 220-240vac FEEDER FOR KNN450-550	3261.00
27	NDL4-31	3NO+1NC AUXILIARY FOR KNL43 - KNL63	232.00	66	FG51-400	ISKRA 380-415vac FEEDER FOR KNN450-550	3261.00
28	NPL1-10	1NO SIDE MOUNT AUXILIARY FOR KNL9 - KNL30	93.00	67	FG61-110	ISKRA 110-120vac FEEDER FOR KNN700	6774.00
29	NPL1-01	1NC SIDE MOUNT AUXILIARY FOR KNL9 - KNL30	93.00	68	FG61-230	ISKRA 220-240vac FEEDER FOR KNN700	6774.00
<b>ACCESSORIES &amp; SPARES</b>				69	FG61-400	ISKRA 380-415vac FEEDER FOR KNN700	6774.00
30	KMPL	D.O.L. ENCLOSURE	507.00	<b>AUXILIARY CONTACT BLOCKS</b>			
31	MBL	MECHANICAL INTERLOCK FOR KNL9 - KNL30	202.00	70	GH15S11	ISKRA 1NO+1NC SIDE MOUNT (KNN80-315) AUX. CONT	252.00
32	MBL43	MECHANICAL INTERLOCK FOR KNL43 - KNL63	628.00	71	GH15T01	ISKRA 1NC TOP MOUNT (KNN80-110) AUX. CONT	110.00
33	RC230V	NOISE FILLTER FOR KNL9 - KNL30	215.00	72	GH15T10	ISKRA 1NO TOP MOUNT (KNN80-110) AUX. CONT	110.00
34	NT	IDENTIFICATION PLATES FOR KNL9 - KNL30	5.00	73	GH15T11	ISKRA 1NO+1NC TOP MOUNT (KNN80-315) AUX. CONT	168.00
				74	GH15T22	ISKRA 2NO+2NC TOP MOUNT (KNN80-315) AUX. CONT	270.00
				75	GH15T31	ISKRA 3NO+1NC TOP MOUNT (KNN80-315) AUX. CONT	270.00
				<b>ACCESSORIES &amp; SPARES</b>			
				74	BM0H	ISKRA MECHANICAL INTERLOCK (KNN80-95)	165.00
				75	BM3H	ISKRA MECHANICAL INTERLOCK (KNN150-315)	501.00
				76	BM5H	ISKRA MECHANICAL INTERLOCK (KNN450-550)	1711.00
				77	BM6H	ISKRA MECHANICAL INTERLOCK (KNN700)	2705.00
				78	CS80	ISKRA CONTACT SET FOR KNN80	1283.00
				79	CS95	ISKRA CONTACT SET FOR KNN90	1487.00
				80	CS110	ISKRA CONTACT SET FOR KNN110	2076.00
				81	CS150	ISKRA CONTACT SET FOR KNN150	2461.00
				82	CS175	ISKRA CONTACT SET FOR KNN175	2735.00
				83	CS210	ISKRA CONTACT SET FOR KNN210	3303.00
				84	CS260	ISKRA CONTACT SET FOR KNN260	3934.00
				85	CS315	ISKRA CONTACT SET FOR KNN315	4375.00
				86	CS450	ISKRA CONTACT SET FOR KNN450	4523.00
				87	CS550	ISKRA CONTACT SET FOR KNN550	7783.00
				88	CS700	ISKRA CONTACT SET FOR KNN700	9782.00

Note: Replace \*\*\* with Voltage value: AC - 024, 048, 110, 230, 400, 500

All Prices Exclude VAT and are subject to change without prior notice.

**Thermal Overloads**

**Plug-in Relays**



No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b>Thermal Overloads</b>				<b>Plug-in Relays &amp; Bases</b>			
<u>OVERLOADS for KN9 - KN63</u>				<b>INDUSTRIAL CONTROL RELAYS</b>			
<b>Note:</b>				<u>SERIES 68 - 8 PIN (10amp rating)</u>			
<b>TRB14 Series Relays are being replaced by the new BR16 Series</b>				49 TRP6822-012AC ISKRA 012VAC 8 PIN RELAY 2 C/O 130.00			
<b>Check stock levels of TRB14</b>				50 TRP6822-024AC ISKRA 024VAC 8 PIN RELAY 2 C/O 130.00			
1	TRB1416-0.4	0.24-0.4A THERMAL OVERLOADS FOR KN9 - KN16	495.00	51	TRP6822-110AC ISKRA 110VAC 8 PIN RELAY 2 C/O	145.00	
2	TRB1416-0.63	0.38-0.63A THERMAL OVERLOADS FOR KN9 - KN16	495.00	52	TRP6822-230AC ISKRA 230VAC 8 PIN RELAY 2 C/O	145.00	
3	TRB1416-1	0.6-1A THERMAL OVERLOADS FOR KN9 - KN16	495.00	53	TRP6827-012DC ISKRA 012VDC 8 PIN RELAY 2 C/O	141.00	
4	TRB1416-1.6	0.96-1.6A THERMAL OVERLOADS FOR KN9 - KN16	495.00	54	TRP6827-024DC ISKRA 024VDC 8 PIN RELAY 2 C/O	141.00	
5	TRB1416-2.5	1.5-2.5A THERMAL OVERLOADS FOR KN9 - KN16	495.00	55	TRP6827-230DC ISKRA 230VDC 8 PIN RELAY 2 C/O	190.00	
6	TRB1416-4	2.4-4A THERMAL OVERLOADS FOR KN9 - KN16	495.00	<u>SERIES 69 - 11 PIN (10amp rating)</u>			
7	TRB1416-6.3	3.8-6.3A THERMAL OVERLOADS FOR KN9 - KN16	495.00	56	TRP6932-012AC ISKRA 012VAC 11 PIN RELAY 3 C/O	158.00	
8	TRB1416-10	6-10A THERMAL OVERLOADS FOR KN9 - KN16	495.00	57	TRP6932-024AC ISKRA 024VAC 11 PIN RELAY 3 C/O	158.00	
9	TRB1430-25	15-25A THERMAL OVERLOADS FOR KN22 - KN30	536.00	58	TRP6932-110AC ISKRA 110VAC 11 PIN RELAY 3 C/O	175.00	
10	TRB1430-40	24-40A THERMAL OVERLOADS FOR KN22 - KN30	536.00	59	TRP6932-230AC ISKRA 230VAC 11 PIN RELAY 3 C/O	175.00	
11	BR16-0.4	ISKRA 0.25-0.4A THERMAL OL (KN9-KN16)	462.00	60	TRP6937-012DC ISKRA 012VDC 11 PIN RELAY 3 C/O	169.00	
12	BR16-0.5	ISKRA 0.35-0.5A THERMAL OL (KN9-KN16)	462.00	61	TRP6937-024DC ISKRA 024VDC 11 PIN RELAY 3 C/O	169.00	
13	BR16-0.63	ISKRA 0.45-0.63A THERMAL OL (KN9-KN16)	462.00	62	TRP6937-230DC ISKRA 230VDC 11 PIN RELAY 3 C/O	200.00	
14	BR16-0.8	ISKRA 0.55-0.8A THERMAL OL (KN9-KN16)	462.00	<u>DIN / SURFACE BASES for SERIES 68 &amp; 69</u>			
15	BR16-1	ISKRA 0.75-1A THERMAL OL (KN9-KN16)	462.00	63	ES8	8 PIN BASE	60.00
16	BR16-1.3	ISKRA 0.9-1.3A THERMAL OL (KN9-KN16)	462.00	64	ES11	11 PIN BASE	64.00
17	BR16-1.6	ISKRA 1.1-1.6A THERMAL OL (KN9-KN16)	462.00	<b>MINIATURE CONTROL RELAYS</b>			
18	BR16-2	ISKRA 1.4-2A THERMAL OL (KN9-KN16)	462.00	<u>SERIES 312 - 8 PIN FLAT (10amp rating)</u>			
19	BR16-2.5	ISKRA 1.8-2.5A THERMAL OL (KN9-KN16)	462.00	65	TRP3124-012AC ISKRA 012VAC 8 PIN FLAT 2 C/O MINITURE RELAY	103.00	
20	BR16-3.2	ISKRA 2.3-3.2A THERMAL OL (KN9-KN16)	462.00	66	TRP3124-024AC ISKRA 024VAC 8 PIN FLAT 2 C/O MINITURE RELAY	103.00	
21	BR16-4	ISKRA 2.9-4A THERMAL OL (KN9-KN16)	462.00	67	TRP3124-110AC ISKRA 110VAC 8 PIN FLAT 2 C/O MINITURE RELAY	123.00	
22	BR16-4.8	ISKRA 3.5-4.8A THERMAL OL (KN9-KN16)	462.00	68	TRP3124-230AC ISKRA 230VAC 8 PIN FLAT 2 C/O MINITURE RELAY	123.00	
23	BR16-6.3	ISKRA 4.5-6.3A THERMAL OL (KN9-KN16)	462.00	69	TRP3124-012DC ISKRA 012VDC 8 PIN FLAT 2 C/O MINITURE RELAY	101.00	
24	BR16-7.5	ISKRA 5.5-7.5A THERMAL OL (KN9-KN16)	462.00	70	TRP3124-024DC ISKRA 024VDC 8 PIN FLAT 2 C/O MINITURE RELAY	101.00	
25	BR16-10	ISKRA 7.2-10A THERMAL OL (KN9-KN16)	462.00	<u>SERIES 314 - 14 PIN FLAT (5amp rating)</u>			
26	BR16-12.5	ISKRA 9-12.5A THERMAL OL (KN9-KN16)	462.00	71	TRP3144-012AC ISKRA 012VAC 14 PIN FLAT 4 C/O MINITURE RELAY	97.00	
27	BR16-16	ISKRA 11.3-16A THERMAL OL (KN9-KN16)	462.00	72	TRP3144-024AC ISKRA 024VAC 14 PIN FLAT 4 C/O MINITURE RELAY	97.00	
28	BR16-20	ISKRA 15-20A THERMAL OL (KN9-KN16)	462.00	73	TRP3144-110AC ISKRA 110VAC 14 PIN FLAT 4 C/O MINITURE RELAY	113.00	
29	BR30-21.5	ISKRA 17.5-21.5A THERMAL OL (KN22-KN30)	493.00	74	TRP3144-230AC ISKRA 230VAC 14 PIN FLAT 4 C/O MINITURE RELAY	113.00	
30	BR30-25	ISKRA 21-25A THERMAL OL (KN22-KN30)	493.00	75	TRP3144-012DC ISKRA 012VDC 14 PIN FLAT 4 C/O MINITURE RELAY	97.00	
31	BR30-30	ISKRA 24.5-30A THERMAL OL (KN22-KN30)	493.00	76	TRP3144-024DC ISKRA 024VDC 14 PIN FLAT 4 C/O MINITURE RELAY	97.00	
32	BR43-21	ISKRA 14.5A to 21A THERMAL OL (KN43-KN63)	1372.00	<u>DIN / SURFACE BASES for SERIES 312 &amp; 314</u>			
33	BR43-30	ISKRA 21A to 30A THERMAL OL (KN43-KN63)	1653.00	77	ES14/2	8 PIN FLAT BASE	65.00
34	BR43-43	ISKRA 30A to 43A THERMAL OL (KN43-KN63)	1839.00	78	ES14/4	14 PIN FLAT BASE	80.00
35	BR43-63	ISKRA 43A to 63A THERMAL OL (KN43-KN63)	1911.00				
<u>CTx / THERMAL OVERLOADS for KNN80 - KNN315</u>							
36	ISCT80	56-80A CTx/THERMAL OVERLOAD	816.00				
37	ISCT100	70-100A CTx/THERMAL OVERLOAD	816.00				
38	ISCT150	105-150A CTx/THERMAL OVERLOAD	816.00				
39	ISCT200	140-200A CTx/THERMAL OVERLOAD	816.00				
40	ISCT250	175-250A CTx/THERMAL OVERLOAD	816.00				
41	ISCT300	210-300A CTx/THERMAL OVERLOAD	816.00				
42	ISCT400	280-400A CTx/THERMAL OVERLOAD	816.00				
<u>OVERLOADS for KO7M - MINI CONTACTOR</u>							
43	BR6-1.3	0.9-1.3A THERMAL OVERLOADS (K07M)	451.00				
44	BR6-1.9	1.3-1.9A THERMAL OVERLOADS (K07M)	451.00				
45	BR6-2.8	1.9-2.8A THERMAL OVERLOADS (K07M)	451.00				
46	BR6-4	2.8-4A THERMAL OVERLOADS (K07M)	451.00				
47	BR6-6	4.0-6.0A THERMAL OVERLOADS (K07M)	451.00				
48	BR6-9	6.0-9.0A THERMAL OVERLOADS (K07M)	451.00				

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b>MANUAL MOTOR STARTERS</b>				<b>PLASTIC ENCLOSURES</b>			
1	MS25-0.16	ISKRA MMS 0.1-0.16	523.00	<b>DOL STARTERS without OVERLOADS - IP55</b>			
2	MS25-0.25	ISKRA MMS 0.16-0.25	523.00	31	KMPL9/P4KW	ISKRA 4KW 400V DOL NO OVERLOAD	735.00
3	MS25-0.4	ISKRA MMS 0.25-0.4	523.00	32	KMPL12/P5KW	ISKRA 5.5KW 400V DOL NO OVERLOAD	804.00
4	MS25-0.63	ISKRA MMS 0.4-0.63	523.00	33	KMPL16/P7KW	ISKRA 7.5KW 400V DOL NO OVERLOAD	1025.00
5	MS25-1	ISKRA MMS 0.63-1	547.00	<b>ECONOMY DOL STARTERS with OVERLOADS - IP40</b> (No Push Buttons - for remote START - STOP)			
6	MS25-1.6	ISKRA MMS 1-1.6	594.00	34	ECP9-B/P4-0.37	ISKRA 0.37KW 0.6-1A 400V DOL 3PH NO P/BUTTONS	1065.00
7	MS25-2.5	ISKRA MMS 1.6-2.5	594.00	35	ECP9-B/P4-0.55	ISKRA 0.55KW 0.96-1.6A 400V DOL 3PH NO P/BUTTONS	1065.00
8	MS25-4	ISKRA MMS 2.5-4	594.00	36	ECP9-B/P4-0.75	ISKRA 0.75KW 1.5-2.5A 400V DOL 3PH NO P/BUTTONS	1065.00
9	MS25-6.3	ISKRA MMS 4-6.3	594.00	37	ECP9-B/P4-1.1	ISKRA 1.1KW 2.3-3.2A 400V DOL 3PH NO P/BUTTONS	1065.00
10	MS25-10	ISKRA MMS 6.3-10	690.00	38	ECP9-B/P4-1.5	ISKRA 1.5KW 2.9-4A 400V DOL 3PH NO P/BUTTONS	1065.00
11	MS25-16	ISKRA MMS 10-16	690.00	39	ECP9-B/P4-2	ISKRA 2.2KW 3.8-6.3A 400V DOL 3PH NO P/BUTTONS	1065.00
12	MS25-20	ISKRA MMS 16-20	723.00	40	ECP9-B/P4-4	ISKRA 4KW 6-10A 400V DOL 3PH NO P/BUTTONS	1065.00
13	MS25-25	ISKRA MMS 20-25	939.00	41	ECP12-B/P4-5	ISKRA 5.5KW 9-12.5A 400V 3PH DOL NO P/BUTTONS	1123.00
<b>AUXILIARY CONTACTS</b>				42	ECP16-B/P4-7	ISKRA 7.5KW 11.3-16A 400V 3PH DOL NO P/BUTTONS	1326.00
14	PS-11	ISKRA MMS AUX 1NO+1NC	118.00	<b>DOL STARTERS with OVERLOADS - IP55</b>			
15	PS-20	ISKRA MMS AUX 2NO	118.00	43	KMPL9/P2S-0.37	ISKRA 0.25+0.37KW 3.4-4.8A 230V 1PH DOL STD	1230.00
<b>UNDERVOLTAGE RELEASE</b>				44	KMPL9/P2A-0.37	ISKRA 0.25+0.37KW 3.5-4.8A 230V 1PH DOL+AMM	1716.00
16	UV-400V	ISKRA MMS UNDERVOLTAGE RELEASE	337.00	45	KMPL9/P2S-0.55	ISKRA 0.55KW 4.5-6.3A 230V 1PH DOL STD	1230.00
<b>ENCLOSURE - IP55</b>				46	KMPL9/P2A-0.55	ISKRA 0.55KW 4.5-6.3 230V 1PH DOL+AMM	1716.00
17	O-55	ISKRA MMS SURF MOUNT ENCLOSURE	162.00	47	KMPL9/P2S-0.75	ISKRA 0.75KW 5.5-7.5A 230V 1PH DOL STD	1230.00
18	CP-55	ISKRA FLUSH MOUNTING FRONT PLATE	161.00	48	KMPL9/P2A-0.75	ISKRA 0.75KW 5.5-7.5A 230V 1PH DOL+AMM	1716.00
19	KR-M25-20	P.V.C. 25mm TO 20mm REDUCER	17.00	49	KMPL9/P2S-1.1	ISKRA 1.1KW 9-12.5A 230V 1PH DOL STD	1230.00
20	O-55/BOOT	ISKRA PUSH-BUTTON DIAPHRAGM FOR O-55	26.00	50	KMPL9/P2A-1.1	ISKRA 1.1KW 9-12.5A 230V 1PH DOL+AMM	1716.00
<b>INSULATED TP BUSBAR CONNECTIONS</b>				51	KMPL12/P2S-1.5	ISKRA 1.5KW 11.3-16A 230V 1PH DOL STD	1299.00
21	MSB-2X3	ISKRA BUSBAR 2 MOD 3P	196.00	52	KMPL12/P2A-1.5	ISKRA 1.5KW 11.3-16A 230V 1PH DOL+AMM	1785.00
22	MSB-3X3	ISKRA BUSBAR 3 MOD 3P	248.00	53	KMPL22/P2S-2	ISKRA 2.2KW 17.5-21.5A 230V 1PH DOL STD	1891.00
23	MSB-4X3	ISKRA BUSBAR 4 MOD 3P	294.00	54	KMPL22/P2A-2	ISKRA 2.2KW 17.5-21.5A 230V 1PH DOL+AMM	2377.00
24	MSB-5X3	ISKRA BUSBAR 5 MOD 3P	335.00	55	KMPL30/P2S-4	ISKRA 4KW 24.5-30A 230V 1PH DOL STD	POA
25	MSB-2X3-PS	ISKRA BUSBAR 2 MOD 3P + AUXILIARY	294.00	56	KMPL30/P2A-4	ISKRA 4KW 24.5-30A 230V 1PH DOL+AMM	POA
26	MSB-3X3-PS	ISKRA BUSBAR 3 MOD 3P + AUXILIARY	331.00	57	KMPL9/P4S-0.37	ISKRA 0.37KW 0.6-1A 400V 3PH DOL STD	1230.00
27	MSB-4X3-PS	ISKRA BUSBAR 4 MOD 3P + AUXILIARY	362.00	58	KMPL9/P4A-0.37	ISKRA 0.37KW 0.6-1A 400V 3PH DOL+AMM	1716.00
28	MSB-5X3-PS	ISKRA BUSBAR 5 MOD 3P + AUXILIARY	420.00	59	KMPL9/P4S-0.55	ISKRA 0.55KW 0.96-1.6A 400V 3PH DOL STD	1230.00
29	WSB-S-V-MS	ISKRA BUSBAR FEED-IN TERMINAL 3P	240.00	60	KMPL9/P4A-0.55	ISKRA 0.55KW 0.96-1.6A 400V 3PH DOL+AMM	1716.00
30	BS-MS-0	ISKRA BUSBAR PROTECTION COVER	101.00	61	KMPL9/P4S-0.75	ISKRA 0.75KW 1.5-2.5A 400V 3PH DOL STD	1230.00
				62	KMPL9/P4A-0.75	ISKRA 0.75KW 1.5-2.5A 400V 3PH DOL+AMM	1716.00
				63	KMPL9/P4S-1.1	ISKRA 1.1KW 2.3-3.2A 400V 3PH DOL STD	1230.00
				64	KMPL9/P4A-1.1	ISKRA 1.1KW 2.3-3.2A 400V 3PH DOL+AMM	1716.00
				65	KMPL9/P4S-1.5	ISKRA 1.5KW 2.9-4A 400V 3PH DOL STD	1230.00
				66	KMPL9/P4A-1.5	ISKRA 1.5KW 2.9-4A 400V 3PH DOL+AMM	1716.00
				67	KMPL9/P4S-2	ISKRA 2.2KW 4.5-6.3A 400V 3PH DOL STD	1230.00
				68	KMPL9/P4A-2	ISKRA 2.2KW 4.5-6.3A 400V 3PH DOL+AMM	1716.00
				69	KMPL9/P4S-4	ISKRA 4KW 6-10A 400V 3PH DOL STD	1230.00
				70	KMPL9/P4A-4	ISKRA 4KW 6-10A 400V 3PH DOL+AMM	1716.00
				71	KMPL12/P4S-5	ISKRA 5.5KW 9-12.5A 400V 3PH DOL STD	1299.00
				72	KMPL12/P4A-5	ISKRA 5.5KW 9-12.5A 400V 3PH DOL+AMM	1785.00
				73	KMPL16/P4S-7	ISKRA 7.5KW 11.3-16A 400V 3PH DOL STD	1520.00
				74	KMPL16/P4A-7	ISKRA 7.5KW 11.3-16A 400V 3PH DOL+AMM	2006.00
				75	KMPL22/P4S-11	ISKRA 11KW 21-25A 400V 3PH DOL STD	1891.00
				76	KMPL22/P4A-11	ISKRA 11KW 21-25A 400V 3PH DOL+AMM	2377.00
				77	KMPL30/P4S-15	ISKRA 15KW 24.5-30A 400V 3PH DOL STD	POA
				78	KMPL30/P4A-15	ISKRA 15KW 24.5-30A 400V 3PH DOL+AMM	POA

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b><u>DOL STARTERS</u></b>				<b><u>DOL REV STARTERS</u></b>			
<b>METAL ENCLOSURES</b>				<b>PLASTIC ENCLOSURE</b>			
<u>DOL STARTERS fitted with Mains Terminals</u> <span style="float:right">Encl</span>							
1	IDL/M1S	ISKRA 0.37KW DOL 400V METAL ENCL STD	EPS 2398.00	61	IDLR/P1S	ISKRA 0.37KW 400V REV PVC STD	3071.00
2	IDL/M1A	ISKRA 0.37KW DOL 400V METAL + AMM	EPS 2794.00	62	IDLR/P1I	ISKRA 0.37KW 400V REV PVC+ISOL	3626.00
3	IDL/M1I	ISKRA 0.37KW DOL 400V METAL + ISOL	EPS 3059.00	63	IDLR/P2S	ISKRA 0.55KW 400V REV PVC STD	3071.00
4	IDL/M1AI	ISKRA 0.37 KW 400V METAL + AMM + ISOL	EPS 3505.00	64	IDLR/P2I	ISKRA 0.55KW 400V REV PVC+ISOL	3626.00
5	IDL/M2S	ISKRA 0.55KW DOL 400V METAL ENCL STD	EPS 2398.00	65	IDLR/P3S	ISKRA 0.75KW 400V REV PVC STD	3071.00
6	IDL/M2A	ISKRA 0.55KW DOL 400V METAL + AMM	EPS 2794.00	66	IDLR/P3I	ISKRA 0.75KW 400V REV PVC+ISOL	3626.00
7	IDL/M2I	ISKRA 0.55KW DOL 400V METAL + ISOL	EPS 3059.00	67	IDLR/P4S	ISKRA 1.1+1.5KW 400V REV PVC STD	3071.00
8	IDL/M2AI	ISKRA 0.55 KW 400V METAL + AMM + ISOL	EPS 3505.00	68	IDLR/P4I	ISKRA 1.1+1.5KW 400V REV PVC+ISOL	3626.00
9	IDL/M3S	ISKRA 0.75KW DOL 400V METAL ENCL STD	EPS 2398.00	69	IDLR/P5S	ISKRA 2.2KW 400V REV PVC STD	3071.00
10	IDL/M3A	ISKRA 0.75KW DOL 400V METAL + AMM	EPS 2794.00	70	IDLR/P5I	ISKRA 2.2KW 400V REV PVC+ISOL	3626.00
11	IDL/M3I	ISKRA 0.75KW DOL 400V METAL + ISOL	EPS 3059.00	71	IDLR/P6S	ISKRA 4KW 400V REV PVC STD	3071.00
12	IDL/M3AI	ISKRA 0.75 KW 400V METAL + AMM + ISOL	EPS 3505.00	72	IDLR/P6I	ISKRA 4KW 400V REV PVC+ISOL	3626.00
13	IDL/M4S	ISKRA 1.1 + 1.5KW DOL 400V METAL ENCL STD	EPS 2398.00	73	IDLR/P7S	ISKRA 5.5KW 400V REV PVC STD	3176.00
14	IDL/M4A	ISKRA 1.1+1.5KW DOL 400V METAL + AMM	EPS 2794.00	74	IDLR/P7I	ISKRA 5.5KW 400V REV PVC+ISOL	3727.00
15	IDL/M4I	ISKRA 1.1+1.5KW DOL 400V METAL + ISOL	EPS 3059.00	75	IDLR/P8S	ISKRA 7.5KW 400V REV PVC STD	3358.00
16	IDL/M4AI	ISKRA 1.1+1.5KW 400V METAL + AMM + ISOL	EPS 3505.00	76	IDLR/P8I	ISKRA 7.5KW 400V REV PVC+ISOL	4151.00
17	IDL/M5S	ISKRA 2.2KW DOL 400V METAL ENCL STD	EPS 2398.00	77	IDLR/P9S	ISKRA 11KW 400V REV PVC STD	3774.00
18	IDL/M5A	ISKRA 2.2KW DOL 400V METAL + AMM	EPS 2794.00	78	IDLR/P9I	ISKRA 11KW 400V REV PVC+ISOL	4369.00
19	IDL/M5I	ISKRA 2.2KW DOL 400V METAL + ISOL	EPS 3059.00	79	IDLR/P10S	ISKRA 15KW 400V REV PVC STD	4553.00
20	IDL/M5AI	ISKRA 2.2KW DOL 400V METAL + AMM + ISOL	EPS 3505.00	80	IDLR/P10I	ISKRA 15KW 400V REV PVC+ISOL	5400.00
21	IDL/M6S	ISKRA 4KW DOL 400V METAL ENCL STD	EPS 2398.00	<b>METAL ENCLOSURE</b> <span style="float:right">Encl</span>			
22	IDL/M6A	ISKRA 4KW DOL 400V METAL + AMM	EPS 2794.00	81	IDLR/M1S	ISKRA 0.37KW REV DOL 400V METAL STD	EPS 3534.00
23	IDL/M6I	ISKRA 4KW DOL 400V METAL + ISOL	EPS 3059.00	82	IDLR/M1I	ISKRA 0.37KW REV DOL 400V METAL+ISOL	EPS 4015.00
24	IDL/M6AI	ISKRA 4KW DOL 400V METAL + AMM + ISOL	EPS 3505.00	83	IDLR/M2S	ISKRA 0.55KW REV DOL 400V METAL STD	EPS 3534.00
25	IDL/M7S	ISKRA 5.5KW DOL 400V METAL ENCL STD	EPS 2456.00	84	IDLR/M2I	ISKRA 0.55KW REV DOL 400V METAL+ISOL	EPS 4015.00
26	IDL/M7A	ISKRA 5.5KW DOL 400V METAL + AMM	EPS 2852.00	85	IDLR/M3S	ISKRA 0.75KW REV DOL 400V METAL STD	EPS 3534.00
27	IDL/M7I	ISKRA 5.5KW DOL 400V METAL + ISOL	EPS 3076.00	86	IDLR/M3I	ISKRA 0.75KW REV DOL 400V METAL+ISOL	EPS 4015.00
28	IDL/M7AI	ISKRA 5.5KW DOL 400V METAL + AMM + ISOL	EPS 3563.00	87	IDLR/M4S	ISKRA 1.1+1.5KW REV DOL 400V METAL STD	EPS 3534.00
29	IDL/M8S	ISKRA 7.5KW DOL 400V METAL ENCL STD	EPS 2725.00	88	IDLR/M4I	ISKRA 1.1+1.5KW REV DOL 400V METAL+ISOL	EPS 4015.00
30	IDL/M8A	ISKRA 7.5KW DOL 400V METAL + AMM	EPS 3089.00	89	IDLR/M5S	ISKRA 2.2KW REV DOL 400V METAL STD	EPS 3534.00
31	IDL/M8I	ISKRA 7.5KW DOL 400V METAL + ISOL	EPS 3201.00	90	IDLR/M5I	ISKRA 2.2KW REV DOL 400V METAL+ISOL	EPS 4015.00
32	IDL/M8AI	ISKRA 7.5KW DOL 400V METAL + AMM + ISOL	EPS 3682.00	91	IDLR/M6S	ISKRA 4KW REV DOL 400V METAL STD	EPS 3534.00
33	IDL/M9S	ISKRA 11KW DOL 400V METAL ENCL STD	EPS 2961.00	92	IDLR/M6I	ISKRA 4KW REV DOL 400V METAL+ISOL	EPS 4015.00
34	IDL/M9A	ISKRA 11KW DOL 400V METAL + AMM	EPS 3569.00	93	IDLR/M7S	ISKRA 5.5KW REV DOL 400V METAL STD	EPS 3635.00
35	IDL/M9I	ISKRA 11KW DOL 400V METAL + ISOL	EPS 3736.00	94	IDLR/M7I	ISKRA 5.5KW REV DOL 400V METAL+ISOL	EPS 4115.00
36	IDL/M9AI	ISKRA 11KW DOL 400V METAL + AMM + ISOL	EPS 4373.00	95	IDLR/M8S	ISKRA 7.5KW REV DOL 400V METAL STD	EPS 3908.00
37	IDL/M10S	ISKRA 15KW DOL 400V METAL ENCL STD	EPS 3101.00	96	IDLR/M8I	ISKRA 7.5KW REV DOL 400V METAL+ISOL	EPS 4492.00
38	IDL/M10A	ISKRA 15KW DOL 400V METAL + AMM	EPS 3889.00	97	IDLR/M9S	ISKRA 11KW REV DOL 400V METAL STD	EPS 4163.00
39	IDL/M10I	ISKRA 15KW DOL 400V METAL + ISOL	EPS 3871.00	98	IDLR/M9I	ISKRA 11KW REV DOL 400V METAL+ISOL	EPS 4794.00
40	IDL/M10AI	ISKRA 15 KW DOL 400V METAL + AMM + ISOL	EPS 4678.00	99	IDLR/M10S	ISKRA 15KW REV DOL 400V METAL STD	EPS 4992.00
41	IDL/M11S	ISKRA 18.5KW DOL 400V METAL ENCL STD	EPMED 4592.00	100	IDLR/M10I	ISKRA 15KW REV DOL 400V METAL+ISOL	EPS 5835.00
42	IDL/M11A	ISKRA 18.5KW DOL 400V METAL + AMM	EPMED 5376.00	101	IDLR/M11S	ISKRA 18.5KW REV DOL 400V METAL STD	EPMED 7241.00
43	IDL/M11I	ISKRA 18.5KW DOL 400V METAL + ISOL	EPMED 5326.00	102	IDLR/M11I	ISKRA 18.5KW REV DOL 400V METAL+ISOL	EPMED 8067.00
44	IDL/M11AI	ISKRA 18.5KW DOL 400V METAL + AMM + ISOL	EPMED 6119.00	103	IDLR/M12S	ISKRA 22KW REV DOL 400V METAL STD	EPMED 7723.00
45	IDL/M12S	ISKRA 22KW DOL 400V METAL ENCL STD	EPMED 4627.00	104	IDLR/M12I	ISKRA 22KW REV DOL 400V METAL+ISOL	EPMED 8698.00
46	IDL/M12A	ISKRA 22KW DOL 400V METAL + AMM	EPMED 5417.00	105	IDLR/M13S	ISKRA 30KW REV DOL 400V METAL STD	EPMED 9259.00
47	IDL/M12I	ISKRA 22KW DOL 400V METAL + ISOL	EPMED 5365.00	106	IDLR/M13I	ISKRA 30KW REV DOL 400V METAL+ISOL	EPMED 10430.00
48	IDL/M12AI	ISKRA 22KW DOL 400V METAL + AMM + ISOL	EPMED 6166.00	107	IDLR/M14S	ISKRA 37KW REV DOL 400V METAL STD	EPMED 14611.00
49	IDL/M13S	ISKRA 30KW DOL 400V METAL ENCL STD	EPMED 5350.00	108	IDLR/M14I	ISKRA 37KW REV DOL 400V METAL+ISOL	EPMED 16305.00
50	IDL/M13A	ISKRA 30KW DOL 400V METAL + AMM	EPMED 6066.00				
51	IDL/M13I	ISKRA 30KW DOL 400V METAL + ISOL	EPMED 6167.00				
52	IDL/M13AI	ISKRA 30KW DOL 400V METAL + AMM + ISOL	EPMED 6889.00				
53	IDL/M14S	ISKRA 37KW DOL 400V METAL ENCL STD	EPL 8122.00				
54	IDL/M14A	ISKRA 37KW DOL 400V METAL + AMM	EPL 8467.00				
55	IDL/M14I	ISKRA 37KW DOL 400V METAL + ISOL	EPL 9584.00				
56	IDL/M14AI	ISKRA 37KW DOL 400V METAL + AMM + ISOL	EPL 9929.00				
57	IDL/M15S	ISKRA 45KW DOL 400V METAL ENCL STD	EPL 8648.00				
58	IDL/M15A	ISKRA 45KW DOL 400V METAL + AMM	EPL 9003.00				
59	IDL/M15I	ISKRA 45KW DOL 400V METAL + ISOL	EPL 10250.00				
60	IDL/M15AI	ISKRA 45KW DOL 400V METAL + AMM + ISOL	EPL 10593.00				

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b>AUTOMATIC STAR DELTA STARTERS</b>				<b>AUTO TRANS. STARTERS</b>			
<u>Encl</u>				<u>Encl</u>			
1	IKYD1O	ISKRA 7.5KW STAR DELTA OPEN	3214.00	78	ITX1S	ISKRA 7.5KW AUTO TRANS. STARTER STD	13147.00
2	IKYD1S	ISKRA 7.5KW STAR DELTA STD	4321.00	Fitted with: Surge Arrestors			
3	IKYD1A	ISKRA 7.5KW STAR DELTA + AMM	4702.00	79	ITX1I	ISKRA 7.5KW AUTO TRANS. STARTER+ISOL	13561.00
4	IKYD1I	ISKRA 7.5KW STAR DELTA + ISOL	4812.00	80	ITX2S	ISKRA 11KW AUTO TRANS. STARTER STD	13884.00
5	IKYD1AI	ISKRA 7.5KW STAR DELTA + AMM + ISOL	5381.00	81	ITX2I	ISKRA 11KW AUTO TRANS. STARTER+ISOL	14347.00
6	IKYD2O	ISKRA 11KW STAR DELTA OPEN	3511.00	82	ITX3S	ISKRA 15KW AUTO TRANS. STARTER STD	14527.00
7	IKYD2S	ISKRA 11KW STAR DELTA STD	4634.00	83	ITX3I	ISKRA 15KW AUTO TRANS. STARTER+ISOL	14999.00
8	IKYD2A	ISKRA 11KW STAR DELTA + AMM	5045.00	84	ITX4S	ISKRA 18.5KW AUTO TRANS. STARTER STD	17264.00
9	IKYD2I	ISKRA 11KW STAR DELTA + ISOL	5115.00	85	ITX4I	ISKRA 18.5KW AUTO TRANS. STARTER+ISOL	17793.00
10	IKYD2AI	ISKRA 11KW STAR DELTA + AMM + ISOL	5742.00	86	ITX5S	ISKRA 22KW AUTO TRANS. STARTER STD	19664.00
11	IKYD3O	ISKRA 15KW STAR DELTA OPEN	4023.00	87	ITX5I	ISKRA 22KW AUTO TRANS. STARTER+ISOL	20193.00
12	IKYD3S	ISKRA 15KW STAR DELTA STD	5145.00	88	ITX6S	ISKRA 30KW AUTO TRANS. STARTER STD	21247.00
13	IKYD3A	ISKRA 15KW STAR DELTA + AMM	5739.00	89	ITX6I	ISKRA 30KW AUTO TRANS. STARTER+ISOL	21964.00
14	IKYD3I	ISKRA 15KW STAR DELTA + ISOL	5637.00	90	ITX7S	ISKRA 37KW AUTO TRANS. STARTER STD	31362.00
15	IKYD3AI	ISKRA 15KW STAR DELTA + AMM + ISOL	6268.00	91	ITX7I	ISKRA 37KW AUTO TRANS. STARTER+ISOL	32747.00
16	IKYD4O	ISKRA 18.5KW STAR DELTA OPEN	4065.00	92	ITX8S	ISKRA 45KW AUTO TRANS. STARTER STD	33556.00
17	IKYD4S	ISKRA 18.5KW STAR DELTA STD	5490.00	93	ITX8I	ISKRA 45KW AUTO TRANS. STARTER+ISOL	35262.00
18	IKYD4A	ISKRA 18.5KW STAR DELTA + AMM	5860.00	94	ITX9S	ISKRA 55KW AUTO TRANS. STARTER STD	36106.00
19	IKYD4I	ISKRA 18.5KW STAR DELTA + ISOL	6166.00	95	ITX9I	ISKRA 55KW AUTO TRANS. STARTER+ISOL	37806.00
20	IKYD4AI	ISKRA 18.5KW STAR DELTA + AMM + ISOL	6894.00	<b>LOOSE AUTO TRANSFORMERS</b>			
21	IKYD5O	ISKRA 22KW STAR DELTA OPEN	4613.00	Fitted with: Terminals & Klixon			
22	IKYD5S	ISKRA 22KW STAR DELTA STD	6026.00	96	15AUTO	15/18.5KW AUTO TRANSFORMER	6524.00
23	IKYD5A	ISKRA 22KW STAR DELTA + AMM	6684.00	97	22AUTO	22/30KW AUTO TRANSFORMER	8370.00
24	IKYD5I	ISKRA 22KW STAR DELTA + ISOL	6798.00	98	37AUTO	37KW AUTO TRANSFORMER	12043.00
25	IKYD5AI	ISKRA 22KW STAR DELTA + AMM + ISOL	7547.00	99	45AUTO	45KW AUTO TRANSFORMER	13165.00
26	IKYD6O	ISKRA 30KW STAR DELTA OPEN	6812.00				
27	IKYD6S	ISKRA 30KW STAR DELTA STD	8663.00				
28	IKYD6A	ISKRA 30KW STAR DELTA + AMM	9008.00				
29	IKYD6I	ISKRA 30KW STAR DELTA + ISOL	9326.00				
30	IKYD6AI	ISKRA 30KW STAR DELTA + AMM + ISOL	9670.00				
31	IKYD7O	ISKRA 37KW STAR DELTA OPEN	8360.00				
32	IKYD7S	ISKRA 37KW STAR DELTA STD	10174.00				
33	IKYD7A	ISKRA 37KW STAR DELTA + AMM	10900.00				
34	IKYD7I	ISKRA 37KW STAR DELTA + ISOL	12189.00				
35	IKYD7AI	ISKRA 37KW STAR DELTA + AMM + ISOL	12779.00				
36	IKYD8O	ISKRA 45KW STAR DELTA OPEN	9392.00				
37	IKYD8S	ISKRA 45KW STAR DELTA STD	10584.00				
38	IKYD8A	ISKRA 45KW STAR DELTA + AMM	11311.00				
39	IKYD8I	ISKRA 45KW STAR DELTA + ISOL	12588.00				
40	IKYD8AI	ISKRA 45KW STAR DELTA + AMM + ISOL	13353.00				
41	IKYD9O	ISKRA 55KW STAR DELTA OPEN	9890.00				
42	IKYD9S	ISKRA 55KW STAR DELTA STD	11974.00				
43	IKYD9A	ISKRA 55KW STAR DELTA + AMM	12366.00				
44	IKYD9I	ISKRA 55KW STAR DELTA + ISOL	13778.00				
45	IKYD9AI	ISKRA 55KW STAR DELTA + AMM + ISOL	14171.00				
46	IKYD10S	ISKRA 75KW STAR DELTA STD	16794.00				
47	IKYD10A	ISKRA 75KW STAR DELTA + AMM	17542.00				
48	IKYD10I	ISKRA 75KW STAR DELTA + ISOL	18740.00				
49	IKYD10AI	ISKRA 75KW STAR DELTA + AMM + ISOL	19447.00				
50	IKYD11S	ISKRA 90KW STAR DELTA STD	24475.00				
51	IKYD11A	ISKRA 90KW STAR DELTA + AMM	24870.00				
52	IKYD11I	ISKRA 90KW STAR DELTA + ISOL	26881.00				
53	IKYD11AI	ISKRA 90KW STAR DELTA + AMM + ISOL	27442.00				
54	IKYD12S	ISKRA 110KW STAR DELTA STD	26950.00				
55	IKYD12A	ISKRA 110KW STAR DELTA + AMM	27299.00				
56	IKYD12I	ISKRA 110KW STAR DELTA + ISOL	30249.00				
57	IKYD12AI	ISKRA 110KW STAR DELTA + AMM + ISOL	30598.00				
58	IKYD13S	ISKRA 132KW STAR DELTA STD	28893.00				
59	IKYD13A	ISKRA 132KW STAR DELTA + AMM	29721.00				
60	IKYD13I	ISKRA 132KW STAR DELTA + ISOL	34115.00				
61	IKYD13AI	ISKRA 132KW STAR DELTA + AMM + ISOL	34509.00				
62	IKYD14S	ISKRA 160KW STAR DELTA STD	33605.00				
63	IKYD14A	ISKRA 160KW STAR DELTA + AMM	33991.00				
64	IKYD14I	ISKRA 160KW STAR DELTA + ISOL	38627.00				
65	IKYD14AI	ISKRA 160KW STAR DELTA + AMM + ISOL	39012.00				
66	IKYD15S	ISKRA 200KW STAR DELTA STD	43750.00				
67	IKYD15A	ISKRA 200KW STAR DELTA + AMM	44168.00				
68	IKYD15I	ISKRA 200KW STAR DELTA + ISOL	49034.00				
69	IKYD15AI	ISKRA 200KW STAR DELTA + AMM + ISOL	49456.00				
70	IKYD16S	ISKRA 250KW STAR DELTA STD	52757.00				
71	IKYD16A	ISKRA 250KW STAR DELTA + AMM	53242.00				
72	IKYD16I	ISKRA 250KW STAR DELTA + ISOL	61380.00				
73	IKYD16AI	ISKRA 250KW STAR DELTA + AMM + ISOL	61865.00				
74	IKYD17S	ISKRA 315KW STAR DELTA STD	62344.00				
75	IKYD17A	ISKRA 315KW STAR DELTA + AMM	62842.00				
76	IKYD17I	ISKRA 315KW STAR DELTA + ISOL	69961.00				
77	IKYD17AI	ISKRA 315KW STAR DELTA + AMM + ISOL	70436.00				

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b>AQUASOFT SERIES "2000" SOFT STARTER</b>				<b>BOREHOLE PUMP-MOTOR STARTERS</b>			
Fitted with: Surge Arrestors				Special 3PH DOL Fitted with: Surge Arrestors			
1	AQS11	AVANTI AQUASOFT STARTER 11KW	EPL 11123.00	<b>ISKRA - ECONO Series</b> <span style="float:right">Encl</span>			
2	AQS15	AVANTI AQUASOFT STARTER 15KW	EPL 11709.00	25	PPRI-1.5P	1.5 KW SP PPR BOREHOLE STARTER	PVC 2315.00
3	AQS18	AVANTI AQUASOFT STARTER 18.5KW	EPXL 14291.00	26	PPRI-1.5PI	1.5 KW SP PPR BOREHOLE STARTER + ISOL	PVC 2635.00
4	AQS22	AVANTI AQUASOFT STARTER 22.0 KW	EPXL 15179.00	27	PPRI-5P	5.5 KW PPR BOREHOLE STARTER	PVC 2315.00
5	AQS30	AVANTI AQUASOFT STARTER 30.0 KW	EPXL 16371.00	28	PPRI-5PI	5.5 KW PPR BOREHOLE STARTER + ISOL	PVC 2635.00
6	AQS37	AVANTI AQUASOFT STARTER 37.0 KW	EPXL 23585.00	29	PPRI-5E	5.5 KW PPR BOREHOLE STARTER	EPECONO 3130.00
7	AQS45	AVANTI AQUASOFT STARTER 45.0 KW	EPXL 30509.00	30	BBI-1.5E	1.5 KW BLACBOCS BOREHOLE STARTER	EPECONO 4989.00
8	AQS55	AVANTI AQUASOFT STARTER 55.0 KW	EPXL 33974.00	31	BBI-4E	4 KW BLACBOCS BOREHOLE STARTER	EPECONO 4989.00
9	MCSS2	SPARE AQUASOFT 2000 SERIES PCB CARD	1562.00	32	BBI-5E	5.5 KW BLACBOCS BOREHOLE STARTER	EPECONO 5040.00
<b>POWERSOFT SERIES SOFT STARTER</b>				<b>ISKRA - Avanti PPR Series</b> <span style="float:right">Encl</span>			
10	PWS11	POWERSOFT STARTER 11KW	EPL 11007.00	33	PPRI-5S	5.5 KW PPR STARTER STD	EPS 3746.00
11	PWS15	POWERSOFT STARTER 15KW	EPL 11950.00	34	PPRI-5A	5.5 KW PPR STARTER+AMM	EPS 3955.00
12	PWS18	POWERSOFT STARTER 18.5KW	EPXL 14669.00	35	PPRI-7S	7.5 KW PPR STARTER STD	EPS 3896.00
13	PWS22	POWERSOFT STARTER 22.0 KW	EPXL 15736.00	36	PPRI-7A	7.5 KW PPR STARTER+AMM	EPS 4129.00
14	PWS30	POWERSOFT STARTER 30.0 KW	EPXL 16886.00	37	PPRI-11S	11 KW PPR STARTER STD	EPS 4055.00
15	PWS37	POWERSOFT STARTER 37.0 KW	EPXL 24072.00	38	PPRI-11A	11 KW PPR STARTER+AMM	EPS 4478.00
16	PWS45	POWERSOFT STARTER 45.0 KW	EPXL 29792.00	39	PPRI-15S	15 KW PPR STARTER STD	EPS 4222.00
17	PWS55	POWERSOFT STARTER 55.0 KW	EP700 34820.00	40	PPRI-15A	15 KW PPR STARTER+AMM	EPS 4690.00
18	PWS75	POWERSOFT STARTER 75.0 KW	EP6-8 36685.00	41	PPRI-18S	18 KW PPR STARTER STD	EPMED 5696.00
<b>SOLCOM/HAPN SOFT STARTERS</b>				42	PPRI-18A	18 KW PPR STARTER+AMM	EPMED 6300.00
<b>SE Series (mini soft starters)</b>				43	PPRI-22S	22 KW PPR STARTER STD	EPMED 5700.00
* Built in Bypass Contact				44	PPRI-22A	22 KW PPR STARTER+AMM	EPMED 6309.00
* No O/L protection				45	PPRI-30S	30 KW PPR STARTER STD	EPMED 6593.00
* To be used with DOL Starters				46	PPRI-30A	30 KW PPR STARTER+AMM	EPMED 7323.00
19	HPISE40-06-C-10	HAPN 2.2kw 6a 400v 3ph SOFT STARTER 230v Ctrl	1980.00	47	PPRI-37S	37 KW PPR STARTER STD	EPL 10659.00
20	HPISE40-10-C-10	HAPN 4kw 10a 400v 3ph SOFT STARTER 230v Ctrl	2107.00	48	PPRI-37A	37 KW PPR STARTER+AMM	EPL 11253.00
21	HPISE40-16-C-10	HAPN 7.5kw 16a 400v 3ph SOFT STARTER 230v Ctrl	2772.00	49	PPRI-45S	45 KW PPR STARTER STD	EPL 11643.00
<b>DN Series</b>				50	PPRI-45A	45 KW PPR STARTER+AMM	EPL 12262.00
* Fully rated				<b>ISKRA - Blac Bocs Series</b> <span style="float:right">Encl</span>			
* Bypass terminals provided				51	BBI-1.5S	1.5KW BLACBOCS STARTER STD	EPS 5598.00
* Complete with Motor O/L Protection				52	BBI-1.5A	1.5KW BLACBOCS STARTER+AMM	EPS 5735.00
22	HPS2DN470-400-230-2-6	SOLCOM 250kw 470a 400v SOFT STARTER 230v Ctrl	40445.00	53	BBI-5S	5.5KW BLACBOCS STARTER STD	EPS 5598.00
<b>S Series</b>				54	BBI-5A	5.5KW BLACBOCS STARTER+AMM	EPS 5735.00
* Fully rated				55	BBI-7S	7.5KW BLACBOCS STARTER STD	EPS 6141.00
* Direct supply or Delta loop				56	BBI-7A	7.5KW BLACBOCS STARTER+AMM	EPS 6281.00
* No O/L protection				57	BBI-11S	11KW BLACBOCS STARTER STD	EPS 6339.00
* No Bypass terminals provided				58	BBI-11A	11KW BLACBOCS STARTER+AMM	EPS 6676.00
23	HPS2S44/76-400-230	SOLCOM 22kw 44a 400v SOFT STARTER 230v Ctrl	6709.00	59	BBI-15S	15KW BLACBOCS STARTER STD	EPS 6505.00
24	HPS2S85/147-400-230	SOLCOM 45kw 85a 400v SOFT STARTER 230v Ctrl	11454.00	60	BBI-15A	15KW BLACBOCS STARTER+AMM	EPS 6844.00
				61	BBI-18S	18KW BLACBOCS STARTER STD	EPMED 7978.00
				62	BBI-18A	18KW BLACBOCS STARTER+AMM	EPMED 8317.00
				63	BBI-22S	22KW BLACBOCS STARTER STD	EPMED 7978.00
				64	BBI-22A	22KW BLACBOCS STARTER+AMM	EPMED 8321.00
				65	BBI-30S	30KW BLACBOCS STARTER STD	EPMED 8630.00
				66	BBI-30A	30KW BLACBOCS STARTER+AMM	EPMED 9185.00
				67	BBI-37S	37KW BLACBOCS STARTER STD	EPL 12288.00
				68	BBI-37A	37KW BLACBOCS STARTER+AMM	EPL 12764.00
				69	BBI-45S	45KW BLACBOCS STARTER STD	EPL 13259.00
				70	BBI-45A	45KW BLACBOCS STARTER+AMM	EPL 13606.00
				<b>Fitted Accessories</b>			
				71	FIT-40ELU	40A 300mA EARTH LEAKAGE UNIT - UP TO 15KW	POA
				72	FIT-63ELU	63A 300mA EARTH LEAKAGE UNIT - UP TO 22KW	POA
				73	FIT-80ELU	80A 300mA EARTH LEAKAGE UNIT - UP TO 30KW	POA
				<b>FITTED OPTIONAL EXTRAS</b>			
				74	FIT-HOA	HAND OFF AUTO SWITCH W/ AUTO TERM	459.00
				75	FIT-24VHOA	24V RELAY W/ HAND OFF AUTO SWITCH	727.00
				76	FIT-GRPL	GREEN LED PILOT LIGHT - 400V	326.00
				77	FIT-RDPL	RED LED PILOT LIGHT - 400V	326.00
				78	FIT-EQ72/5/3CT	AMMETER + 3CTS + SELECTOR SWITCH	1448.00
				79	FIT-EQ72-500V	VOLTMETER WITHOUT SELECTOR SWITCH 0-500V	514.00
				80	FIT-EQ72-500VSL	VOLTMETER WITH SELECTOR SWITCH	1055.00
				81	FIT-HM700	RUNNING HOUR METER C/W FRAME	564.00
				82	FIT-ZED2	LIGHTNING ARRESTOR	556.00
				83	FIT-SURGE525	LIGHTNING ARRESTOR - 525V	846.00
				84	FIT-50VATX	FIT 50VA TRANS.	596.00
				85	FIT-BERM	FITTED ES BERHAD CONTROL SYSTEM	3496.00
				86	FIT-BB-MS	FIT ONLY MOTOR SCOPE/BLAC BOCS TO STARTER	288.00
				87	EXLAENC	ADD ON EXTRA FOR LARGER ENCLOSURE	288.00
				88	FIT-PPR/CT	FITTED PPR & CT TO STARTER	985.00
				89	FIT-3PHVWC	FIT 3PH VOLTAGE WINDOW COMPARITOR	683.00
				90	FIT-EPBN	PIVOT SUPPLY MONITOR	934.00
				91	FIT-CM	FIT CURRENT MONITOR + CT	718.00
				92	FIT-LLC	WATER LEVEL RELAY	665.00
				93	FIT-DCU	DCU FITTED.	733.00
				94	FIT-PFR	PHASE FAILURE RELAY	586.00
				95	FIT-PFR525	PHASE FAILURE RELAY 525V	586.00
				96	FIT-IT	OVERIDE TIMER FOR NO FLOW	614.00
				97	FIT-TPR	THERMISTOR PROTECTION UNIT	987.00
				98	FIT-24HT	24hr TIME CLOCK with TRANSFORMER	1305.00
				99	FIT-7DT	7 day TIME CLOCK with TRANSFORMER	1454.00
				100	FIT-C53-12	12hr MECHANICAL TIME CLOCK	1013.00
				101	FIT-C53-24	24hr MECHANICAL TIME CLOCK	1013.00
				102	FIT-FMA	FLUSH MOUNT KIT FOR AVANTI MODULES	236.00
				103	FIT-KR	KLIXON RELAY with P/LIGHT & RESET	1058.00

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b>DOL STARTERS - 525vac</b>				<b>AUTOMATIC STAR DELTA STARTERS - 525vac</b>			
<b>METAL ENCLOSURES</b>				<b>End</b>			
<b>DOL STARTERS fitted with Mains Terminals</b>				<b>End</b>			
1	IDL/M1-5S	ISKRA 0.37KW DOL 525V METAL ENCL STD	2801.00	61	IKYD1-5S	ISKRA 7.5KW STAR DELTA STD	4829.00
2	IDL/M1-5A	ISKRA 0.37KW DOL 525V METAL + AMM	3239.00	62	IKYD1-5A	ISKRA 7.5KW STAR DELTA + AMM	5228.00
3	IDL/M1-5I	ISKRA 0.37KW DOL 525V METAL + ISOL	3491.00	63	IKYD1-5I	ISKRA 7.5KW STAR DELTA + ISOL	5321.00
4	IDL/M1-5AI	ISKRA 0.37 KW 525V METAL + AMM + ISOL	3978.00	64	IKYD1-5AI	ISKRA 7.5KW STAR DELTA + AMM + ISOL	5925.00
5	IDL/M2-5S	ISKRA 0.55KW DOL 525V METAL ENCL STD	2801.00	65	IKYD2-5S	ISKRA 11KW STAR DELTA STD	5142.00
6	IDL/M2-5A	ISKRA 0.55KW DOL 525V METAL + AMM	3239.00	66	IKYD2-5A	ISKRA 11KW STAR DELTA + AMM	5575.00
7	IDL/M2-5I	ISKRA 0.55KW DOL 525V METAL + ISOL	3491.00	67	IKYD2-5I	ISKRA 11KW STAR DELTA + ISOL	5622.00
8	IDL/M2-5AI	ISKRA 0.55 KW 525V METAL + AMM + ISOL	3978.00	68	IKYD2-5AI	ISKRA 11KW STAR DELTA + AMM + ISOL	6288.00
9	IDL/M3-5S	ISKRA 0.75KW DOL 525V METAL ENCL STD	2801.00	69	IKYD3-5S	ISKRA 15KW STAR DELTA STD	5652.00
10	IDL/M3-5A	ISKRA 0.75KW DOL 525V METAL + AMM	3239.00	70	IKYD3-5A	ISKRA 15KW STAR DELTA + AMM	6270.00
11	IDL/M3-5I	ISKRA 0.75KW DOL 525V METAL + ISOL	3491.00	71	IKYD3-5I	ISKRA 15KW STAR DELTA + ISOL	6146.00
12	IDL/M3-5AI	ISKRA 0.75 KW 525V METAL + AMM + ISOL	3978.00	72	IKYD3-5AI	ISKRA 15KW STAR DELTA + AMM + ISOL	6800.00
13	IDL/M4-5S	ISKRA 1.1 + 1.5KW DOL 525V METAL ENCL STD	2801.00	73	IKYD4-5S	ISKRA 18.5KW STAR DELTA STD	5999.00
14	IDL/M4-5A	ISKRA 1.1+1.5KW DOL 525V METAL + AMM	3239.00	74	IKYD4-5A	ISKRA 18.5KW STAR DELTA + AMM	6372.00
15	IDL/M4-5I	ISKRA 1.1+1.5KW DOL 525V METAL + ISOL	3491.00	75	IKYD4-5I	ISKRA 18.5KW STAR DELTA + ISOL	6569.00
16	IDL/M4-5AI	ISKRA 1.1+1.5KW 525V METAL + AMM + ISOL	3978.00	76	IKYD4-5AI	ISKRA 18.5KW STAR DELTA + AMM + ISOL	7321.00
17	IDL/M5-5S	ISKRA 2.2KW DOL 525V METAL ENCL STD	2801.00	77	IKYD5-5S	ISKRA 22KW STAR DELTA STD	6534.00
18	IDL/M5-5A	ISKRA 2.2KW DOL 525V METAL + AMM	3239.00	78	IKYD5-5A	ISKRA 22KW STAR DELTA + AMM	7218.00
19	IDL/M5-5I	ISKRA 2.2KW DOL 525V METAL + ISOL	3491.00	79	IKYD5-5I	ISKRA 22KW STAR DELTA + ISOL	7207.00
20	IDL/M5-5AI	ISKRA 2.2KW DOL 525V METAL + AMM + ISOL	3978.00	80	IKYD5-5AI	ISKRA 22KW STAR DELTA + AMM + ISOL	7977.00
21	IDL/M6-5S	ISKRA 4KW DOL 525V METAL ENCL STD	2801.00	81	IKYD6-5S	ISKRA 30KW STAR DELTA STD	9237.00
22	IDL/M6-5A	ISKRA 4KW DOL 525V METAL + AMM	3239.00	82	IKYD6-5A	ISKRA 30KW STAR DELTA + AMM	9578.00
23	IDL/M6-5I	ISKRA 4KW DOL 525V METAL + ISOL	3491.00	83	IKYD6-5I	ISKRA 30KW STAR DELTA + ISOL	9812.00
24	IDL/M6-5AI	ISKRA 4KW DOL 525V METAL + AMM + ISOL	3978.00	84	IKYD6-5AI	ISKRA 30KW STAR DELTA + AMM + ISOL	10153.00
25	IDL/M7-5S	ISKRA 5.5KW DOL 525V METAL ENCL STD	2861.00	85	IKYD7-5S	ISKRA 37KW STAR DELTA STD	10794.00
26	IDL/M7-5A	ISKRA 5.5KW DOL 525V METAL + AMM	3297.00	86	IKYD7-5A	ISKRA 37KW STAR DELTA + AMM	11540.00
27	IDL/M7-5I	ISKRA 5.5KW DOL 525V METAL + ISOL	3503.00	87	IKYD7-5I	ISKRA 37KW STAR DELTA + ISOL	11945.00
28	IDL/M7-5AI	ISKRA 5.5KW DOL 525V METAL + AMM + ISOL	4036.00	88	IKYD7-5AI	ISKRA 37KW STAR DELTA + AMM + ISOL	12530.00
29	IDL/M8-5S	ISKRA 7.5KW DOL 525V METAL ENCL STD	3153.00	89	IKYD8-5S	ISKRA 45KW STAR DELTA STD	11183.00
30	IDL/M8-5A	ISKRA 7.5KW DOL 525V METAL + AMM	3551.00	90	IKYD8-5A	ISKRA 45KW STAR DELTA + AMM	11926.00
31	IDL/M8-5I	ISKRA 7.5KW DOL 525V METAL + ISOL	3628.00	91	IKYD8-5I	ISKRA 45KW STAR DELTA + ISOL	12209.00
32	IDL/M8-5AI	ISKRA 7.5KW DOL 525V METAL + AMM + ISOL	4153.00	92	IKYD8-5AI	ISKRA 45KW STAR DELTA + AMM + ISOL	12960.00
33	IDL/M9-5S	ISKRA 11KW DOL 525V METAL ENCL STD	3471.00	93	IKYD9-5S	ISKRA 55KW STAR DELTA STD	12622.00
34	IDL/M9-5A	ISKRA 11KW DOL 525V METAL + AMM	4142.00	94	IKYD9-5A	ISKRA 55KW STAR DELTA + AMM	13010.00
35	IDL/M9-5I	ISKRA 11KW DOL 525V METAL + ISOL	4289.00	95	IKYD9-5I	ISKRA 55KW STAR DELTA + ISOL	14280.00
36	IDL/M9-5AI	ISKRA 11KW DOL 525V METAL + AMM + ISOL	4980.00	96	IKYD9-5AI	ISKRA 55KW STAR DELTA + AMM + ISOL	14668.00
37	IDL/M10-5S	ISKRA 15KW DOL 525V METAL ENCL STD	3612.00	97	IKYD10-5S	ISKRA 75KW STAR DELTA STD	16636.00
38	IDL/M10-5A	ISKRA 15KW DOL 525V METAL + AMM	4465.00	98	IKYD10-5A	ISKRA 75KW STAR DELTA + AMM	17387.00
39	IDL/M10-5I	ISKRA 15KW DOL 525V METAL + ISOL	4420.00	99	IKYD10-5I	ISKRA 75KW STAR DELTA + ISOL	18577.00
40	IDL/M10-5AI	ISKRA 15 KW DOL 525V METAL + AMM + ISOL	5283.00	100	IKYD10-5AI	ISKRA 75KW STAR DELTA + AMM + ISOL	19288.00
41	IDL/M11-5S	ISKRA 18.5KW DOL 525V METAL ENCL STD	5113.00	101	IKYD11-5S	ISKRA 90KW STAR DELTA STD	23608.00
42	IDL/M11-5A	ISKRA 18.5KW DOL 525V METAL + AMM	5943.00	102	IKYD11-5A	ISKRA 90KW STAR DELTA + AMM	23992.00
43	IDL/M11-5I	ISKRA 18.5KW DOL 525V METAL + ISOL	5859.00	103	IKYD11-5I	ISKRA 90KW STAR DELTA + ISOL	26018.00
44	IDL/M11-5AI	ISKRA 18.5KW DOL 525V METAL + AMM + ISOL	6692.00	104	IKYD11-5AI	ISKRA 90KW STAR DELTA + AMM + ISOL	26565.00
45	IDL/M12-5S	ISKRA 22KW DOL 525V METAL ENCL STD	5152.00	105	IKYD12-5S	ISKRA 110KW STAR DELTA STD	24190.00
46	IDL/M12-5A	ISKRA 22KW DOL 525V METAL + AMM	5987.00	106	IKYD12-5A	ISKRA 110KW STAR DELTA + AMM	24531.00
47	IDL/M12-5I	ISKRA 22KW DOL 525V METAL + ISOL	5901.00	107	IKYD12-5I	ISKRA 110KW STAR DELTA + ISOL	26474.00
48	IDL/M12-5AI	ISKRA 22KW DOL 525V METAL + AMM + ISOL	6743.00	108	IKYD12-5AI	ISKRA 110KW STAR DELTA + AMM + ISOL	26813.00
49	IDL/M13-5S	ISKRA 30KW DOL 525V METAL ENCL STD	5907.00	109	IKYD13-5S	ISKRA 132KW STAR DELTA STD	31579.00
50	IDL/M13-5A	ISKRA 30KW DOL 525V METAL + AMM	6656.00	110	IKYD13-5A	ISKRA 132KW STAR DELTA + AMM	32449.00
51	IDL/M13-5I	ISKRA 30KW DOL 525V METAL + ISOL	6730.00	111	IKYD13-5I	ISKRA 132KW STAR DELTA + ISOL	35796.00
52	IDL/M13-5AI	ISKRA 30KW DOL 525V METAL + AMM + ISOL	7481.00	112	IKYD13-5AI	ISKRA 132KW STAR DELTA + AMM + ISOL	36189.00
53	IDL/M14-5S	ISKRA 37KW DOL 525V METAL ENCL STD	8700.00	113	IKYD14-5S	ISKRA 160KW STAR DELTA STD	32379.00
54	IDL/M14-5A	ISKRA 37KW DOL 525V METAL + AMM	9045.00	114	IKYD14-5A	ISKRA 160KW STAR DELTA + AMM	33294.00
55	IDL/M14-5I	ISKRA 37KW DOL 525V METAL + ISOL	10161.00	115	IKYD14-5I	ISKRA 160KW STAR DELTA + ISOL	36637.00
56	IDL/M14-5AI	ISKRA 37KW DOL 525V METAL + AMM + ISOL	10506.00	116	IKYD14-5AI	ISKRA 160KW STAR DELTA + AMM + ISOL	37065.00
57	IDL/M15-5S	ISKRA 45KW DOL 525V METAL ENCL STD	9226.00	117	IKYD15-5S	ISKRA 200KW STAR DELTA STD	38633.00
58	IDL/M15-5A	ISKRA 45KW DOL 525V METAL + AMM	9580.00	118	IKYD15-5A	ISKRA 200KW STAR DELTA + AMM	39036.00
59	IDL/M15-5I	ISKRA 45KW DOL 525V METAL + ISOL	10826.00	119	IKYD15-5I	ISKRA 200KW STAR DELTA + ISOL	43919.00
60	IDL/M15-5AI	ISKRA 45KW DOL 525V METAL + AMM + ISOL	11169.00	120	IKYD15-5AI	ISKRA 200KW STAR DELTA + AMM + ISOL	44323.00
				121	IKYD16-5S	ISKRA 250KW STAR DELTA STD	49483.00
				122	IKYD16-5A	ISKRA 250KW STAR DELTA + AMM	49917.00
				123	IKYD16-5I	ISKRA 250KW STAR DELTA + ISOL	55147.00
				124	IKYD16-5AI	ISKRA 250KW STAR DELTA + AMM + ISOL	5579.00

**NB! 525 volt Starters**

**Variable Speed Drives  
Soft Starters**

**Constant Pressure Drives**

No.	Part No.	Description	Price	No.	Part No.	Description	Price																																																																												
<b><u>VARIABLE SPEED A.C. MOTOR DRIVES</u></b>				<b><u>CONSTANT PRESSURE DRIVES</u></b>																																																																															
<b>230V SINGLE PHASE INPUT - (HEAVY DUTY)</b>				* Fitted with Isolator, Control Breaker, Terminal, 1k Pot, On/Off Switch. * NB! Transducer is <b>not</b> included.																																																																															
1	EM11-G1-d75	0.75 KW SP/TP 230V VARIABLE SPEED DRIVE 4 amps	3170.00	41	CPD1S	1.5kW 3.7amps Constant Pressure Drive	EPMED 12111.00																																																																												
2	EM11-G1-1d5	1.5 KW SP/TP 230V VARIABLE SPEED DRIVE 7 amps	4140.00	42	CPD2S	2.2kW 5amps Constant Pressure Drive	EPMED 12877.00																																																																												
3	PI8100A-2R2G1	2.2 KW SP/TP 230V VARIABLE SPEED DRIVE 10 amps	5600.00	43	CPD4S	4kW 8.5amps Constant Pressure Drive	EPL 14477.00																																																																												
4	PI8100A-004G1	4 KW SP/TP 230V VARIABLE SPEED DRIVE 16 amps	8160.00	44	CPD5S	5.5kW 13amps Constant Pressure Drive	EPL 16885.00																																																																												
<b>380V THREE PHASE INPUT - (HEAVY DUTY)</b>				45	CPD7S	7.5kW 16amps Constant Pressure Drive	EPXL 20998.00																																																																												
5	EM11-G3-1d5	1.5 KW TP/TP 380V VARIABLE SPEED DRIVE 3.7 amps	5140.00	46	CPD11S	11kW 25amps Constant Pressure Drive	EP6-8 25548.00																																																																												
6	EM11-G3-2d2	2.2 KW TP/TP 380V VARIABLE SPEED DRIVE 5 amps	5910.00	47	CPD15S	15kW 32amps Constant Pressure Drive	EP6-8 29022.00																																																																												
7	EM11-G3-004	4 KW TP/TP 380V VARIABLE SPEED DRIVE 8.5 amps	7110.00	48	CPD18S	18.5kW 38amps Constant Pressure Drive	EP6-8 33467.00																																																																												
8	EM11-G3-5d5	5.5 KW TP/TP 380V VARIABLE SPEED DRIVE 13 amps	9520.00	49	CPD22S	22kW 45amps Constant Pressure Drive	EP6-8 38433.00																																																																												
9	PI7600-7R5G3	7.5 KW TP/TP 380V VARIABLE SPEED DRIVE 16 amps	11240.00	50	CPD30S	30kW 60amps Constant Pressure Drive	EPAUTO 44905.00																																																																												
10	EM11-G3-011	11 KW TP/TP 380V VARIABLE SPEED DRIVE 25 amps	14500.00	51	CPD37S	37kW 75amps Constant Pressure Drive	EPAUTO 52779.00																																																																												
11	EM11-G3-015	15 KW TP/TP 380V VARIABLE SPEED DRIVE 32 amps	18050.00	52	CPD45S	45kW 90amps Constant Pressure Drive	EP8-10 67273.00																																																																												
12	PI7800-018G3	18 KW TP/TP 380V VARIABLE SPEED DRIVE 38 amps	22400.00	53	CPD55S	55kW 110amps Constant Pressure Drive	EP8-10 79110.00																																																																												
13	PI7800-022G3	22 KW TP/TP 380V VARIABLE SPEED DRIVE 45 amps	27090.00	54	CPD75S	75kW 150amps Constant Pressure Drive	EP8-10 88719.00																																																																												
14	EM11-G3-030	30 KW TP/TP 380V VARIABLE SPEED DRIVE 60 amps	33410.00	55	CPD110S	110kW 220amps Constant Pressure Drive	EP8-10 120526.00																																																																												
15	EM11-G3-037	37 KW TP/TP 380V VARIABLE SPEED DRIVE 75 amps	42390.00	<b>FITTED OPTIONAL EXTRAS</b>																																																																															
16	PI7800-045G3	45 KW TP/TP 380V VARIABLE SPEED DRIVE 90 amps	55900.00	* Refer to page 6 for more Fitted Optional Extras.																																																																															
17	PI7800-055G3	55 KW TP/TP 380V VARIABLE SPEED DRIVE 110 amps	67820.00	56	FIT-CPDAMM	Fitting of AMMETER	429.00																																																																												
18	PI7800-075G3	75 KW TP/TP 380V VARIABLE SPEED DRIVE 150 amps	76670.00	57	FIT-CPDDCU	Fitting of DCU for dry-run protection + DELAY ON	1341.00																																																																												
19	PI7800-110G3	110 KW TP/TP 380V VARIABLE SPEED DRIVE 210 amps	108300.00	58	FIT-CPDNFLO	Fitting of NO FLOW OVERRIDE TIMER	2090.00																																																																												
<b>380V THREE PHASE INPUT - (SOLAR)</b>				<b>Fitting a Shroud</b>																																																																															
20	PI9130B-S1R5G3	1.5 KW TP/TP 380V VARIABLE SPEED DRIVE - SOLAR	5680.00	* Add the price of selected shroud (see Shroud pricelist), allowing for applicable discount.																																																																															
21	PI9130B-S2R2G3	2.2 KW TP/TP 380V VARIABLE SPEED DRIVE - SOLAR	6710.00	* Add the number of required louvre grids																																																																															
22	PI9130B-S004G3	4 KW TP/TP 380V VARIABLE SPEED DRIVE - SOLAR	7970.00	59	FIT-LOUVRE330	Fitting of 325mm Air Vent	585.20																																																																												
<b>ACCESSORIES</b>				60	FIT-LOUVRE445	Fitting of 425mm Air Vent	598.40																																																																												
23	PB6014	30 KW BREAKING UNIT	3710.00	61	FIT-VENT330	Fitting of 360mm Air Vent	987.00																																																																												
24	PB6024	37-55 KW BREAKING UNIT	5350.00	<b>Fitting Multiple Set Points (max 7)</b>																																																																															
25	PB6034	75-280 KW BREAKING UNIT	7850.00	* Set points are manually operated via Selector Switch																																																																															
26	R-50-1040	50 ohm 1040w RESISTOR	1110.00	62	FIT-CPDSET	Fitting of EXTRA SET POINT (per set point)	456.50																																																																												
27	R-40-1560	40 ohm 1560w RESISTOR	1670.00	63	FIT-CPDSEL	Fitting of SELECTOR SWITCH	435.60																																																																												
28	R-32-4800	32 ohm 4800w RESISTOR	5140.00	64	FIT-CPDENCL	Extra for LARGER ENCLOSURE (1.5-7.5kW ONLY)	947.10																																																																												
29	R-20-6000	20 ohm 6000w RESISTOR	6430.00	<b>Automating of Set Points (max 5)</b>																																																																															
30	R-16-9600	16 ohm 9600w RESISTOR	7130.00	* Allowing external device to control the selection of Set Points																																																																															
31	R-10-12000	10 ohm 12000w RESISTOR	9280.00	* Note: These prices must be added to manual Set Point prices																																																																															
32	R-6.8-12000	6.8 ohm 12000w RESISTOR	9990.00	65	FIT-CPDAUTO	Fitting of AUTOMATIC control of set point (per set point)	449.90																																																																												
33	1KPOT	1 kOhm POTENTIOMETER + KNOB & SCALE PLATE	113.00	66	FIT-CPDHOA	Fitting of HAND OFF AUTO Sel Sw	459.00																																																																												
34	T2000/10	1/4" BSP 10BAR PRESSURE TRANSDUCER 4-20 mA	1739.10	67	FIT-50VATX	Fitting of 50va TRANSFORMER	596.00																																																																												
35	T2000/20	1/4" BSP 20BAR PRESSURE TRANSDUCER 4-20 mA	1739.10	<table border="1"> <tr> <td colspan="4"><b>Example: 15kW with 5 set points</b></td> </tr> <tr> <td>15kW Constant Pressure Drive</td> <td></td> <td></td> <td>29022.00</td> </tr> <tr> <td>5 x Extra Set Points</td> <td></td> <td></td> <td>2282.50</td> </tr> <tr> <td>1 x Extra Selector Switch</td> <td></td> <td></td> <td>435.60</td> </tr> <tr> <td>1 x Extra for 50va transformer</td> <td></td> <td></td> <td>596.00</td> </tr> <tr> <td></td> <td><b>Total with manual Set Points</b></td> <td></td> <td>32336.10</td> </tr> <tr> <td>5 x Extra automatic set points</td> <td></td> <td></td> <td>2249.50</td> </tr> <tr> <td>1 x Extra HAND OFF AUTO Selector Switch</td> <td></td> <td></td> <td>459.00</td> </tr> <tr> <td></td> <td><b>Total with Automatic Set Points</b></td> <td></td> <td>35044.60</td> </tr> <tr> <td colspan="4"><b>Example: 7.5kW with 5 set points</b></td> </tr> <tr> <td>7.5kW Constant Pressure Drive</td> <td></td> <td></td> <td>20998.00</td> </tr> <tr> <td>5 x Extra Set Points</td> <td></td> <td></td> <td>2282.50</td> </tr> <tr> <td>1 x Extra Selector Switch</td> <td></td> <td></td> <td>435.60</td> </tr> <tr> <td>1 x Extra for larger enclosure</td> <td></td> <td></td> <td>947.10</td> </tr> <tr> <td>1 x Extra for 50va transformer</td> <td></td> <td></td> <td>596.00</td> </tr> <tr> <td></td> <td><b>Total</b></td> <td></td> <td>25259.20</td> </tr> <tr> <td>5 x Extra automatic set points</td> <td></td> <td></td> <td>2249.50</td> </tr> <tr> <td>1 x Extra HAND OFF AUTO Selector Switch</td> <td></td> <td></td> <td>459.00</td> </tr> <tr> <td></td> <td><b>Total with Automatic Set Points</b></td> <td></td> <td>27967.70</td> </tr> </table>				<b>Example: 15kW with 5 set points</b>				15kW Constant Pressure Drive			29022.00	5 x Extra Set Points			2282.50	1 x Extra Selector Switch			435.60	1 x Extra for 50va transformer			596.00		<b>Total with manual Set Points</b>		32336.10	5 x Extra automatic set points			2249.50	1 x Extra HAND OFF AUTO Selector Switch			459.00		<b>Total with Automatic Set Points</b>		35044.60	<b>Example: 7.5kW with 5 set points</b>				7.5kW Constant Pressure Drive			20998.00	5 x Extra Set Points			2282.50	1 x Extra Selector Switch			435.60	1 x Extra for larger enclosure			947.10	1 x Extra for 50va transformer			596.00		<b>Total</b>		25259.20	5 x Extra automatic set points			2249.50	1 x Extra HAND OFF AUTO Selector Switch			459.00		<b>Total with Automatic Set Points</b>		27967.70
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* Must be used with a Bypass Contactor																																																																																			
* Bypass terminals provided																																																																																			
* Complete with Motor Overload Protection																																																																																			
<b>* NOTE: These units are not wired and not in an enclosure</b>																																																																																			
36	PR5200-055G3	55 KW TP/TP 380V SOFT STARTER	17800.00																																																																																
37	PR5200-075G3	75 KW TP/TP 380V SOFT STARTER	24860.00																																																																																
38	PR5200-115G3	115 KW TP/TP 380V SOFT STARTER	37300.00																																																																																
39	PR5200-132G3	132 KW TP/TP 380V SOFT STARTER	42820.00																																																																																
40	PR5200-160G3	160 KW TP/TP 380V SOFT STARTER	44740.00																																																																																

RED = +24v  
BLUE/GREEN = 4-20ma Return  
BLACK = Screen / Earth

All Prices Exclude VAT and are subject to change without prior notice.



No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b>E.P. SHEET METAL ENCLOSURES</b>				<b>STA BUSBAR SUPPORTS</b>			
ENCLOSURES - including Mounting Bracket & Mounting Plate				Approved by NEFTA (SABS Affiliated) For use up to 50kA			
<b>B.J. Series</b>							
			<u>W</u>	<u>H</u>	<u>D</u>		
1	BJS1-43/200	SMALL - IP65	300	400	200	959.00	28 SA504800 VEMER BUSBAR SUPPORT 902.30
2	BJS1-44/200	MEDIUM - IP65	400	400	200	1188.00	29 SA488400 VEMER BUSBAR SPACER 10mm 12.00
3	BJS1-55/250	LARGE - IP65	500	500	250	1833.00	30 SA481900 VEMER BUSBAR SPACER 3.5mm 9.20
4	BJS1-65/250	EX-LARGE - IP65	500	600	250	2119.00	31 VBBB/BOT VEMER STA BUSBAR SUPP BOT 590LX25WX20D 1.6MM 77.50
5	BJS1-1210/300	1200 x 1000 - IP65	1000	1200	300	7572.00	32 VBBB/TOP VEMER STA BUSBAR SUPP TOP 590LX75WX20D 1.6MM 132.50
Glazed doors							
6	BJS1-43/200-GD	RAL2000 GLAZED DOOR for 400x300x200				392.00	
7	BJS1-44/200-GD	RAL2000 GLAZED DORR for 400x400x200				522.00	
8	BJS1-55/250-GD	RAL2000 GLAZED DOOR for 500x500x250				816.00	
9	BJS1-65/250-GD	RAL2000 GLAZED DOOR for 600x500x250				979.00	
10	BJS1-1210/300-GD	RAL2000 GLAZED DORR for 1200x1000x300				3915.00	
<b>E.P. Series - Galvanised</b>				<u>W</u>	<u>H</u>	<u>D</u>	
11	EPECONO	ECONO	305	280	155	482.00	
12	EPS	SMALL - IP54	360	310	200	901.00	
13	EPMED	MEDIUM - IP54	425	400	225	1167.00	
14	EPL	LARGE - IP54	500	475	230	1553.00	
15	EPXL	EX-LARGE - IP54	600	550	245	1847.00	
16	EP700	700 - IP54	700	700	290	2838.00	
17	EPAUTO	AUTO TRX - IP54	650	900	290	3103.00	
18	EP6-8	6-8 - IP54	600	800	330	3131.00	
19	EP8-10	8-10 - IP54	800	1000	360	4313.00	
<b>WEATHERPROOF SHROUDS</b>							
20	ESS	SMALL	420	370	290	867.00	
21	ESMED	MEDIUM	500	460	290	1035.00	
22	ESL	LARGE	580	540	320	1453.00	
23	ESXL	EXTRA LARGE	680	610	340	1823.00	
24	ES700	EP700	780	780	360	2577.00	
25	ESAUTO	EPAUTO	725	1000	360	3329.00	
26	ES6-8	EP6-8	715	895	420	3338.00	
27	ES8-10	EP8-10	950	1200	420	5828.00	

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**Control Devices  
for Pump & Irrigation**



**Control Devices  
for Pump & Irrigation**

No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b>FLOW SWITCHES</b>				<b>BLAC BOCS</b>			
1	HFS-25	1" BSP IP65 FLOW SWITCH + 6" PADDLE	1171.60	34	381001200	BLAC BOCS 3 PH 400V 0.37-1.5 KW	2052.00
2	KIT21A602	6" PADDLES FOR FLOW SWITCH	150.00	35	381001201	BLAC BOCS 3 PH 400V 2.2 -5.5 KW	2052.00
3	BRIO2000-M	ITALTECNICA FLOW CONTROL SWITCH	1264.40	36	381001202	BLAC BOCS 3 PH 400V 7.5-18.5 KW	2367.00
<b>PRESSURE SWITCHES</b>				37	381001203	BLAC BOCS 3 PH 400V 22-75 KW	2367.00
4	P77AAA-9300	PENN 0.5-7BAR PRESSURE SW. + 1/4" BSP ADPT	1430.00	38	381001204	BLAC BOCS 3 PH 400V 93-105 KW	2367.00
5	P77AAA-9301	PENN 1-10BAR PRESSURE SW. + 1/4" BSP ADPT	1430.00	<b>MOTORSCOPE</b>			
6	P77AAA-9350	PENN 3-30BAR PRESSURE SW. + 1/4" BSP ADPT	1430.00	39	TRIO	3 PHASE UP TO 5.6KW w/o CTX	2348.00
7	ADP	1/4" ADAPTOR FOR PENN PRESSURE SW.	57.20	40	SUPRA	3 PHASE UP TO 132KW with CTX	4068.00
<b>FLOAT SWITCHES</b>				<b>SURGE ARRESTOR</b>			
<b>MERCURY SWITCHES</b>				41	AVSURGE	AVANTI SURGE ARRESTOR - 280V 8kA	147.00
8	5M-MK2	MERCURY 5MT ORANGE FLOAT SWITCH	553.00	42	AVSURGE/DIN	AVANTI SURGE ARRESTOR - 280V 40kA DIN mount	488.00
9	10M-MK2	MERCURY REED 10MT ORANGE FLOAT SWITCH	599.00	43	AVSURGE/DIN8	AVANTI SURGE ARRESTOR - 280V 8kA DIN mount	216.00
<b>ROLLER BALL SWITCHES</b>				<b>AVANTI ELECTRONIC MODULES</b>			
10	MICROSTART/C5-10	MATIC 5MT 10 amp FLOAT SWITCH	363.30	<b>PUMP PROTECTION RELAY</b>			
11	MICROSTART/C10-10	MATIC 10MT 10 amp FLOAT SWITCH	528.20	44	PPR-1T8-23	AVANTI SP PPR with RESET TIMER - 230V	775.00
12	MICROSTART/C5-2	MATIC 5MT 2 hp FLOAT SWITCH	418.30	45	PPR-3T8-40	AVANTI TP PPR with RESET TIMER - 400V	775.00
13	MICROSTART/C10-2	MATIC 10MT 2 hp FLOAT SWITCH	595.80	<b>DISTANCE CONTROL UNIT</b>			
<b>ACCESSORIES</b>				46	DCU/123STR	AVANTI DCU 230V	463.00
14	MATICCW	SPARE COUNTER WEIGHTS FOR FLOAT SWITCH	14.50	47	DCU/140STR	AVANTI DCU 400V	463.00
<b>AQUAMAN FILTER FLUSHING TIMER</b>				48	DCU/223STR	AVANTI DCU DOUBLE PUMP 230V.A.C.	654.00
15	AQUA2S	MASTER + 2 STEP 24VAC	2033.00	49	DCU/240STR	AVANTI DCU DOUBLE PUMP 400 V.A.C.	654.00
16	AQUA3S	MASTER + 3 STEP 24VAC	2402.00	<b>LIQUID LEVEL CONTROL (Filing &amp; Emptying selectable)</b>			
17	AQUA4S	MASTER + 4 STEP 24VAC	2770.00	50	LLC23	AVANTI LIQUID LEVEL CONTROL 230V SEL. SWITCH	349.00
18	AQUA5S	MASTER + 5 STEP 24VAC	3138.00	51	LLC40	AVANTI LIQUID LEVEL CONTROL 400V SEL. SWITCH	349.00
19	AQUA6S	MASTER + 6 STEP 24VAC	3969.00	52	LLC323	AVANTI LIQUID LEVEL CTRL 230V - 2 pump duty cycle	499.00
20	AQUA7S	MASTER + 7 STEP 24VAC	4288.00	53	LLC340	AVANTI LIQUID LEVEL CTRL 400V - 2 pump duty cycle	499.00
21	AQUA8S	MASTER + 8 STEP 24VAC	4655.00	<b>ELECTRODE (For use with LLC)</b>			
22	FTSS24AD	MASTER + 1 STEP 24VAC with PLUG-IN BASE	635.00	54	AEL	E/P.STAINLESS STEEL ELECTRODE	86.00
<b>SPARE MODULES</b>				<b>ACCESSORIES</b>			
23	FTM24AD	MASTER SPARE MODULE	592.00	55	ES11	11 PIN BASE	64.00
24	FTS24AD	SLAVE SPARE MODULE	592.00	56	FMA	FLUSH MOUNT KIT FOR AVANTI MODULES	107.00
<b>PIVOT CHEMICAL CONTROLLER</b>				<b>MECHANICAL TIME CLOCK</b>			
25	PCC2S	MASTER + 2 STEP 24VAC	2033.00	57	C53-12	12 Hr MECHANICAL TIME CLOCK	741.00
26	PCC3S	MASTER + 3 STEP 24VAC	2402.00	58	C53-24	24 Hr MECHANICAL TIME CLOCK	741.00
27	PCC4S	MASTER + 4 STEP 24VAC	2770.00				
28	PCC5S	MASTER + 5 STEP 24VAC	3138.00				
29	PCC6S	MASTER + 6 STEP 24VAC	3969.00				
30	PCC7S	MASTER + 7 STEP 24VAC	4288.00				
31	PCC8S	MASTER + 8 STEP 24VAC	4655.00				
<b>SPARE MODULES</b>							
32	PCCM24AD	MASTER SPARE MODULE	592.00				
33	PCCS24AD	SLAVE SPARE MODULE	592.00				

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b>POWER FACTOR CONTROLLERS</b>				<b>HRC LOW VOLTAGE DIN FUSES &amp; BASES</b>			
1	NV-7	DELAB 7 STEP CONTROLLER - 96x96	3856.00	<u>HRC FUSES</u>			
2	NV-14S	DELAB 14 STEP CONTROLLER - 144x144	5636.00	57	00C-25	25A SIZE-C00 HRC DIN FUSE	51.85
<b>POWER FACTOR CORRECTION CAPACITORS</b>				58	00C-32	32A SIZE-C00 HRC DIN FUSE	51.85
<u>CYLINDRICAL CAPACITORS</u>				59	00C-40	40A SIZE-C00 HRC DIN FUSE	51.85
<u>Three Phase - Rated 400 volt</u>				60	00C-50	50A SIZE-C00 HRC DIN FUSE	51.85
3	MKP02.5	ELECTRONICON 2.5 KVAR TP CYLINDRICAL CAP	558.60	61	00C-63	63A SIZE-C00 HRC DIN FUSE	51.85
4	MKP05	ELECTRONICON 5 KVAR TP CYLINDRICAL CAP	821.80	62	00C-80	80A SIZE-C00 HRC DIN FUSE	54.75
5	MKPG07.5	ELECTRONICON 7.5 KVAR TP CYLINDRICAL CAP	1143.10	63	00C-100	100A SIZE-C00 HRC DIN FUSE	54.75
6	MKPG10	ELECTRONICON 10 KVAR TP CYLINDRICAL CAP	1238.60	64	GR00-125	125A SIZE-00 HRC DIN FUSE	71.00
7	MKPG12.5	ELECTRONICON 12.5 KVAR TP CYLINDRICAL CAP	1419.30	65	GR00-160	160A SIZE-00 HRC DIN FUSE	71.00
8	MKPG15	ELECTRONICON 15 KVAR TP CYLINDRICAL CAP	1740.60	66	GR1C-125	125A SIZE-1 HRC DIN FUSE	131.00
9	MKPG20	ELECTRONICON 20 KVAR TP CYLINDRICAL CAP	1860.00	67	GR1C-160	160A SIZE-1 HRC DIN FUSE	131.00
10	MKPG25	ELECTRONICON 25 KVAR TP CYLINDRICAL CAP	2099.40	68	GR1C-200	200A SIZE-1 HRC DIN FUSE	131.00
11	MKPG30	ELECTRONICON 30 KVAR TP CYLINDRICAL CAP	2278.00	69	GR1C-250	250A SIZE-1 HRC DIN FUSE	131.00
<u>Three Phase - Rated 525 volt</u>				<u>HRC FUSE BASES - Stud Connection</u>			
12	HMKP10	ELECTRONICON 10KVAR TP 525V CYLINDRICAL CAP	1797.10	70	SB00	SIZE-00 SP FUSE BASE	131.00
13	HMKPG20	ELECTRONICON 20KVAR TP 525V CYLINDRICAL CAP	2039.20	71	TB00	SIZE-00 3P FUSE BASE	412.00
14	HMKPG25	ELECTRONICON 25KVAR TP 525V CYLINDRICAL CAP	2336.10	72	GR1	SIZE-1 3P FUSE BASE	323.00
<b>POWER FACTOR REACTORS</b>				<u>FUSE REMOVAL HANDLE</u>			
15	REACTOR25	25KVAR 400V REACTOR - 444.326+40D3A 3x1.426 mH 400V 50Hz, linearity 1.8 x ln 7% (189Hz)	6493.00	73	FRH	HRC FUSE REMOVAL HANDLE SIZE 0-3	228.00
16	REACTOR30	30KVAR 400V REACTOR - 450.326+40D3A0 3x1.19 mH 400V 50Hz, linearity 1.8 x ln 7% (189Hz)	7748.00				
17	REACTOR50	50KVAR 400V REACTOR - 458.260+40D3A 3x0.713 mH 400V 50Hz, linearity 1.8 x ln 7% (189Hz)	7632.00				
18	REACTOR60	60KVAR 400V REACTOR - 462.159+40D3A0 3x0.59 mH 400V 50Hz, linearity 1.8 x ln 7% (189Hz)	10180.00				
<u>AVANTI THRIFTY FIFTY SERIES</u>							
19	TF125	AVANTI 25 KVAR THRIFTY FIFTY 400V CAP	5656.00				
20	TF130	AVANTI 30 KVAR THRIFTY FIFTY 400V CAP	6658.00				
21	TF225	AVANTI 50 KVAR THRIFTY FIFTY 2 SW 400V CAP	9822.00				
22	TF150	AVANTI 50 KVAR THRIFTY FIFTY 400V CAP	9261.00				
23	TF230	AVANTI 60 KVAR THRIFTY FIFTY 2 SW 400V CAP	11821.00				
24	TF160	AVANTI 60 KVAR THRIFTY FIFTY 400V CAP	10167.00				
<u>AVANTI "E" RACK SYSTEM</u>							
25	ERS20T	AVANTI 20 KVAR "E" RACK SYSTEM 400V CAP	6265.00				
26	ERS25T	AVANTI 25 KVAR "E" RACK SYSTEM 400V CAP	6977.00				
27	ERS30T	AVANTI 30 KVAR "E" RACK SYSTEM 400V CAP	7988.00				
28	ERS40T	AVANTI 40 KVAR "E" RACK SYSTEM 400V CAP	9947.00				
29	ERS50T	AVANTI 50 KVAR "E" RACK SYSTEM 400V CAP	10640.00				
30	ERS60T	AVANTI 60 KVAR "E" RACK SYSTEM 400V CAP	11929.00				
31	ERS220/40T	AVANTI 40 KVAR "E" RACK SYSTEM 400V CAP	9684.00				
32	ERS225/50T	AVANTI 50 KVAR "E" RACK SYSTEM 400V CAP	11287.00				
33	ERS230/60T	AVANTI 60 KVAR "E" RACK SYSTEM 400V CAP	13294.00				
<u>AVANTI BOXED CAPACITORS</u>							
<u>Three Phase - Rated 400 volt</u>							
34	BE12	AVANTI 12.5KVAR CAPACITOR 400V BOXED	2307.00				
35	BE15	AVANTI 15 KVAR CAPACITOR 400V BOXED	2747.00				
36	BE20	AVANTI 20 KVAR CAPACITOR 400V BOXED	2745.00				
37	BE25	AVANTI 25 KVAR CAPACITOR 400V BOXED	3076.00				
38	BE30	AVANTI 30 KVAR CAPACITOR 400V BOXED	3545.00				
39	BE35	AVANTI 35 KVAR CAPACITOR 400V BOXED	4705.00				
40	BE40	AVANTI 40 KVAR CAPACITOR 400V BOXED	4854.00				
41	BE45	AVANTI 45 KVAR CAPACITOR 400V BOXED	5258.00				
42	BE50	AVANTI 50 KVAR CAPACITOR 400V BOXED	5552.00				
43	BE60	AVANTI 60 KVAR CAPACITOR 400V BOXED	5908.00				
<u>Three Phase - Rated 525 volt</u>							
44	BH20	AVANTI 20 KVAR CAPACITOR 525V BOXED	2952.00				
45	BH30	AVANTI 30 KVAR CAPACITOR 525V BOXED	5108.00				
46	BH40	AVANTI 40 KVAR CAPACITOR 525V BOXED	5379.00				
47	BH50	AVANTI 50 KVAR CAPACITOR 525V BOXED	6025.00				
48	BH60	AVANTI 60 KVAR CAPACITOR 525V BOXED	7822.00				
<u>CAPACITOR SWITCHING CONTACTORS</u>							
49	K3-24K00	B&J 20KVAR CAP SWITCHING CONTACTOR	1415.00				
50	K3-32K00	B&J 25KVAR CAP SWITCHING CONTACTOR	1923.00				
51	K3-50K00	B&J 33.3KVAR CAP SWITCHING CONTACTOR	2715.00				
52	K3-62K00	B&J 50 KVAR CAP SWITCHING CONTACTOR	3342.00				
53	K3-74K00	B&J 75 KVAR CAP SWITCHING CONTACTOR	3968.00				
<u>Accessories</u>							
54	K23/4.230	B&J 230v COIL FOR K2-23 & K2-30	176.00				
55	K45/4.230	B&J 230v COIL FOR K2-45 & K2-60	214.00				
56	HN10	B&J AUX 1NO FOR CAP SWITCHING CONTACTOR	81.00				

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b>PUSH BUTTONS</b>				<b>ACCESSORIES</b>			
<u>FLAT HEAD ACTUATORS</u>				<u>CONTACT BLOCKS</u>			
1	HD15C1	RED FLAT HEAD P/B.ACTUATOR	49.40	67	HC61A2	N/O CONTACT BLOCKS	41.70
2	HD15C2	GREEN FLAT HEAD P/B.ACTUATOR	49.40	68	HC61B2	N/C CONTACT BLOCKS	41.70
3	HD15C3	BLACK FLAT HEAD P/B.ACTUATOR	49.40	<u>CONTACT BLOCK CARRIERS</u>			
4	HD15C4	YELLOW FLAT HEAD P/B.ACTUATOR	49.40	69	HC922002	SPARE CONTACT.BLOCK 1ST ROW CLIP	8.50
5	HD15C5	WHITE FLAT HEAD P/B.ACTUATOR	49.40	70	HC122030	SPARE CONTACT.BLOCK 2ND ROW CLIP	8.50
6	HD15C6	BLUE FLAT HEAD P/B.ACTUATOR	49.40	71	HC929002	SIDE ROW CLIP	8.50
7	HD15C7	ORANGE FLAT HEAD P/B.ACTUATOR	49.40	<u>PILOT LIGHT LAMP HOLDERS</u>			
<u>PROJECTING HEAD ACTUATORS</u>				72	HC61R1	L/HOLDER FOR DIRECT SUPPLY	37.30
15	HD45C1	RED PROJ HEAD P/B.ACTUATOR	64.00	73	HC61X1	L/HOLDER C/W.RESISTOR-240-130	67.30
16	HD45C2	GREEN PROJ HEAD P/B.ACTUATOR	64.00	<b>LED PILOT LIGHT for ACTUATORS NEW! Replaces lampholder and lamp</b>			
<u>PUSH-PUSH PROJECTING HEAD ACTUATORS</u>				74	EG08HOLR240A	RED LED ACTUATORS (GEN NEXT) - 240VAC	42.00
17	HF45C1	PUSH PUSH PROJ.HEAD ACTUATOR RED	109.50	75	EG08HOLG240A	GREEN ACTUATORS (GEN NEXT) - 240VAC	42.00
18	HF45C2	PUSH PUSH PROJ.HEAD ACTUATOR GREEN	109.50	76	EG08HOLR024C	RED LED ACTUATORS (GEN NEXT) - 24V AC/DC	42.00
<u>DOUBLE PUSH BUTTON ACTUATORS</u>				77	EG08HOLG024C	GREEN ACTUATORS (GEN NEXT) - 24V AC/DC	42.00
19	HD15G3	RED/GRN DOUBLE PUSH BUTTON ACTUATOR	94.90	<u>PUSH BUTTONS</u>			
20	HD16G7	RED/GRN/YLW DOUBLE PUSH BUTTON ACTUATOR	104.90	78	HB103002	RED SPARE PUSH BUTTON INSERT	8.50
<u>EMERGENCY STOP MUSHROOM HEAD ACTUATORS</u>				79	HB104000	GREEN SPARE P/BUTTON INSERT	8.50
21	HD55C1	EMERGENCY NON LATCHING STOP ACTUATOR	86.30	80	HB102006	BLACK SPARE P/BUTTON INSERT	8.50
22	HH55C1	EMERGENCY LATCHING STOP ACTUATOR	118.00	81	HB105008	YELLOW SPARE P/B.SPARE INSERT	8.50
23	HG55B1	EMERGENCY STOP PUSH-PULL ACTAUTOR	138.00	82	HB101004	WHITE SPARE P/B.SPARE INSERT	8.50
24	HQ55C1	EMERGENCY KEY OPERATED STOP ACTUATOR	246.00	83	HB107010	BLUE SPARE P/BUTTON INSERT	8.50
<u>ILLUMINATED FLUSH ACTUATORS</u>				84	HB108012	ORANGE SPARE P/BUTTON INSERT	8.50
25	HD16C1	RED ILLUMINATED P/B.ACTUATOR	53.20	86	HB192000	BLACK P/BUTTON COLLARS	8.50
26	HD16C2	GREEN ILLUMIN.P/B.ACTUATOR	53.20	87	HH180000/1	30MM-22MM REDUCING RINGS	31.60
<b>PILOT LIGHTS</b>				88	HH150100	TRANSPARENT P/BUTTON SHROUD	31.60
<u>INDICATORS (without lampholders)</u>				<b>PUSH BUTTON STATIONS</b>			
27	HB08F1	RED PILOT LIGHT INDICATOR	32.30	<u>SINGLE FUNCTION STATIONS</u>			
28	HB08F2	GREEN PILOT LIGHT INDICATOR	32.30	89	JAA10000	STOP P/BUTTON STATION	282.30
29	HB08F4	YELLOW PILOT LIGHT INDICATOR	32.30	90	JAB20000	START P/BUTTON STATION	282.30
30	HB08F5	OPAL PILOT LIGHT INDICATOR	32.30	<u>EMERGENCY SINGLE FUNCTION STATIONS</u>			
31	HB08F6	BLUE PILOT LIGHT INDICATOR	32.30	91	JAE10000	EMERGENCY STOP P/BUTTON STATION	326.20
32	HB08F7	ORANGE PILOT LIGHT INDICATOR	32.30	92	JAF10000	EMERGENCY STOP LATCH P/BUTTON STATION	363.20
<u>240vac COMPACT INDICATORS (no lampholder needed)</u>				<u>MULTI FUNCTION STATIONS</u>			
33	TL01X1	RED PILOT LIGHT INDICATOR	44.90	93	JBB2A100	STOP START P/BUTTON STATION	462.70
34	TL02X1	GREEN PILOT LIGHT INDICATOR	44.90	94	JDB2A1B2	FWD/OFF/REV P/BUTTON STATION	627.00
35	TL04X1	YELLOW PILOT LIGHT INDICATOR	44.90	95	JEB2A1B2	UP/OFF/DOWN P/BUTTON STATION	627.00
36	TL05X1	OPAL PILOT LIGHT INDICATOR	44.90	<u>PUSH BUTTON STATION ENCLOSURES (empty)</u>			
37	TL06X1	BLUE PILOT LIGHT INDICATOR	44.90	96	HF999004	1 HOLE P/B ENCLOSURE (ESBEE only)	136.50
38	TL07X1	ORANGE PILOT LIGHT INDICATOR	44.90	97	HF999005	2 HOLE P/B ENCLOSURE (ESBEE only)	200.50
<u>LED PILOT LIGHTS complete NEW colours!</u>				98	HF999003	3 HOLE P/B ENCLOSURE (ESBEE only)	219.00
39	EILR240A	RED LED INDICATORS (GEN NEXT) - 240VAC	58.50	99	HF999001	1 HOLE P/B ENCLOSURE (All Purpose)	173.50
40	EILG240A	GREEN INDICATORS (GEN NEXT) - 240VAC	58.50	100	HF999002	2 HOLE P/B ENCLOSURE (All Purpose)	173.50
41	EILY240A	YELLOW LED INDICATORS (GEN NEXT) - 240VAC	58.50	<u>CONTACT BLOCKS (Back Mounting)</u>			
42	EILW240A	WHITE LED INDICATORS (GEN NEXT) - 240VAC	98.70	101	HC42A2	N/O CONTACT BLOCK FOR P/B STATION	29.30
43	EILB240A	BLUE LED INDICATORS (GEN NEXT) - 240VAC	98.70	102	HC42B2	N/C CONTACT BLOCK FOR P/B STATION	29.30
44	EILA240A	AMBER LED INDICATORS (GEN NEXT) - 240VAC	58.50	103	HC22N1	L/HOLDER + RESISTOR 240/130V + N/O CONTACT	118.00
45	EILR024C	RED LED INDICATORS (GEN NEXT) - 24V AC/DC	58.50	104	HC22O1	L/HOLDER + RESISTOR 240/130V + N/C CONTACT	118.00
46	EILG024C	GREEN INDICATORS (GEN NEXT) - 24V AC/DC	58.50				
47	EILY024C	YELLOW LED INDICATORS (GEN NEXT) - 24V AC/DC	58.50				
48	EILW024C	WHITE LED INDICATORS (GEN NEXT) - 24V AC/DC	98.70				
49	EILB024C	BLUE LED INDICATORS (GEN NEXT) - 24V AC/DC	98.70				
50	EILA024C	AMBER LED INDICATORS (GEN NEXT) - 24V AC/DC	58.50				
51	EILR415V	RED LED PILOT LIGHT INDICATOR - 400VAC	58.50				
52	EILG415V	GREEN LED PILOT LIGHT INDICATOR - 400VAC	58.50				
<b>SELECTOR SWITCHES</b>							
<u>STANDARD SELECTOR SWITCH ACTUATOR</u>							
53	HR65C3	2 POS SEL/SW ACTUATOR	108.00				
54	HI65C3	2 POS SPRING RETURN SEL/SW ACTUATOR	108.00				
55	HL65C3	3 POS SEL/SW ACTUATOR	108.00				
56	HN65C3	3 POS SPRING RETURN (R) SEL/SW ACTUATOR	108.00				
57	HM65C3	3 POS SPRING RETURN (L) SEL/SW ACTUATOR	108.00				
58	HJ65C3	3 POS SPRING RETURN (L&R) SEL/SW ACTUATOR	108.00				
<u>ILLUMINATED SELECTOR SWITCH ACTUATOR</u>							
59	HK66C2	GREEN 2 POS SEL/SW ACTUATOR	122.60				
60	HL66C2	GREEN 3 POS SEL/SW ACTUATOR	122.60				
<u>KEY OPERATED SELECTOR SWITCH ACTUATOR</u>							
61	HT85C3	2 POS KEY SEL/SW ACTUATOR	242.20				
62	HI85C3	2 POS SPRING RETURN KEY SEL/SW ACTAUTOR	242.20				
63	HL85C3	3 POS KEY SEL/SW ACTUATOR	242.20				
64	HN85C3	3 POS SPRING RETURN (R) KEY SEL/SW ACTUATOR	242.20				
65	HJ85C3	3 POS SPRING RETURN (L&R) KEY SEL/SW ACT.	242.20				
<u>TIP HEAD (TOGGLE) ACTUATOR</u>							
66	HP95A3	BLACK TIP HEAD (TOGGLE) ACTUATOR	109.50				

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**Push Button Legends & Pilot Light Lamps  
Toggle Switches  
Signal Equipment**

**Rotary Switches**

No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b><u>PUSH BUTTON &amp; PILOT LIGHT ACCESSORIES</u></b>				<b><u>ISOLATOR SWITCHES (ON-OFF)</u></b>			
<b><u>PVC BLANKS</u></b>				<b><u>PANEL MOUNT</u></b>			
1	2703	PLASTIC 22.5MM PVC STOPPERS	2.90	<b><u>CAM TYPE</u></b>			
2	2693	PLASTIC 20.6MM PVC STOPPERS	3.20	66	TP16-61191-B03	ON-OFF CAM SWITCHES 16AMP SP	127.80
3	2713	PLASTIC 25.4MM PVC STOPPERS	3.60	67	TP16-61192-B03	ON-OFF CAM SWITCHES 16AMP 2P	146.10
<b><u>PLASTIC LEGEND PLATES</u></b>				68	TP16-61199-B03	ON-OFF CAM SWITCHES 16AMP 3P	164.40
4	PB102	PLASTIC '1-0-2' LEGEND PLATES 22MM	15.00	69	TP16-61194-B03	ON-OFF CAM SWITCHES 16AMP 4P	188.70
5	PBA	PLASTIC 'ALARM' LEGEND PLATES-22MM.	13.20	70	S32-61199-B03	ON-OFF CAM SWITCHES 32AMP 3 POLE	254.40
6	PBAC	PLASTIC 'ALARM CANCEL' LEGEND PLATES	13.20	71	S40-61199-B03	ON-OFF CAM SWITCHES 40AMP 3 POLE	417.40
7	PBBLANK	PLASTIC BLANK LEGEND PLATES 22MM.	13.20	72	S80-61199-B03	ON-OFF CAM SWITCHES 80AMP 3 POLE	1643.40
8	PBCLOSED	PLASTIC 'CLOSED' LEGEND PLATES 22MM	13.20	73	S100-61199-B03	ON-OFF CAM SWITCHES 100AMP 3 POLE	1995.60
9	PBDOWN	PLASTIC 'DOWN' LEGEND PLATES-22MM.	13.20	74	S200-61199-B03	ON-OFF CAM SWITCHES 200AMP 3 POLE	2810.80
10	PBESTOP	PLASTIC 'EMERGENCY STOP' LEGEND PLATES 22MM	13.20	<b><u>BLOCK TYPE (yellow/red padlockable handle)</u></b>			
11	PBFAULT	PLASTIC FAULT LEGEND PLATES 22MM	13.20	75	LB225-31309-B33	ON-OFF BLOCK TYPE PADLOCKABLE 25AMP 3P	316.50
12	PBFOR	PLASTIC 'FWD-OFF-REV' LEGEND PLATES-22MM.	13.20	76	LB232-31309-B33	ON-OFF BLOCK TYPE PADLOCKABLE 32AMP 3P	334.80
13	PBFWD	PLASTIC 'FORWARD' LEGEND PLATES 22MM.	13.20	77	LB240-31309-B33	ON-OFF BLOCK TYPE PADLOCKABLE 40AMP 3P	365.20
14	PBHL	PLASTIC 'HIGH LEVEL' LEGEND PLATES	13.20	78	LB263-31309-B33	ON-OFF BLOCK TYPE PADLOCKABLE 63AMP 3P	395.60
15	PBHLR	PLASTIC 'HIGH LEVEL RESET' LEGEND PLATES 22MM	13.20	<b><u>SURFACE MOUNT</u></b>			
16	PBHOA	PLASTIC 'HAND OFF AUTO' LEGEND PLATES	13.20	<b><u>BLOCK TYPE (Polycarbonate Enclosure with yellow/red padlockable handle)</u></b>			
17	PBLL	PLASTIC 'LOW LEVEL' LEGEND PLATES	13.20	79	LB225-31309-B31	ON-OFF BLOCK TYPE PADLOCKABLE 25AMP 3P	408.50
18	PBLLR	PLASTIC 'LOW LEVEL RESET' LEGEND PLATES 22MM	13.20	80	LB232-31300-B31	ON-OFF BLOCK TYPE PADLOCKABLE 32AMP 3P	485.30
19	PBNFLO	PLASTIC NO-FLOW LEGEND PLATES 22MM	13.20	81	LB263-31309-B31	ON-OFF BLOCK TYPE PADLOCKABLE 63AMP 3P	576.30
20	PBOFF	PLASTIC 'OFF' LEGEND PLATES-22MM.	13.20	<b><u>CHANGEOVER CAM SWITCHES</u></b>			
21	PBOFF-ON	PLASTIC 'OFF-ON' LEGEND PLATES-22MM.	13.20	<b><u>PANEL MOUNT</u></b>			
22	PBOH	PLASTIC 'OVERHEAT' LEGEND PLATES 22MM	13.20	82	TP16-60151-B03	CHANGE OVER NO OFF 16AMP 1P	205.10
23	PBOHR	PLASTIC 'OVERHEAT RESET' LEGEND PLATES 22MM	13.20	83	TP16-61025-B03	CHANGE OVER CENTRE OFF 16AMP 1P	146.10
24	PBON	PLASTIC 'ON' LEGEND PLATES-22MM.	13.20	84	TP16-61026-B03	CHANGE OVER CENTRE OFF 16AMP 2P	194.80
25	PBOPEN	PLASTIC 'OPEN' LEGEND PLATES 22MM	13.20	85	TP16-61027-B03	CHANGE OVER CENTRE OFF 16AMP 3P	231.30
26	PBPO	PLASTIC 'POWER ON' LEGEND PLATES 22MM	13.20	86	TP16-61028-B03	CHANGE OVER CENTRE OFF 16AMP 4P	286.10
27	PBR	PLASTIC 'RESET' LEGEND PLATES-22MM.	13.20	87	S32-61028-B03	CHANGE OVER CENTRE OFF 32AMP 4 POLE	413.90
28	PBREV	PLASTIC 'REVERSE' LEGEND PLATES 22MM.	13.20	88	S40-61028-B03	CHANGE OVER CENTRE OFF 40AMP 4 POLE	750.00
29	PBRUN	PLASTIC 'RUN' LEGEND PLATES-22MM.	13.20	89	S63-61028-B03	CHANGE OVER CENTRE OFF 63AMP 4 POLE	958.70
30	PBSF	PLASTIC 'SEAL FAIL' LEGEND PLATES 22MM	13.20	90	S80-61028-B03	CHANGE OVER CENTRE OFF 80AMP 4 POLE	3026.00
31	PBSFR	PLASTIC 'SEAL FAIL RESET' LEGEND PLATES 22MM	13.20	91	S100-61028-B03	CHANGE OVER CENTRE OFF 100AMP 4 POLE	3776.00
32	PBSR	PLASTIC 'START/RUN' LEGEND PLATES 22MM	13.20	92	S200-61028-B03	CHANGE OVER CENTRE OFF 200AMP 4 POLE	5836.80
33	PBST	PLASTIC 'STOP/TRIP' LEGEND PLATES 22MM	13.20	<b><u>MOTOR CONTROL CAM SELECTOR SWITCHES</u></b>			
34	PBSTART	PLASTIC 'START' LEGEND PLATES 22MM.	13.20	<b><u>PANEL MOUNT</u></b>			
35	PBSTOP	PLASTIC 'STOP' LEGEND PLATES-22MM.	13.20	<b><u>STAR DELTA SWITCH</u></b>			
36	PBTRIP	PLASTIC 'TRIP' LEGEND PLATES-22MM.	13.20	93	TP16-61200-B03	STAR DELTA SWITCH 16AMP	306.50
37	PBUP	PLASTIC 'UP' LEGEND PLATES 22MM.	13.20	<b><u>FORWARD / REVERSE SWITCHES</u></b>			
38	PBNONST	NON STANDARD LEGENDS PLATES	21.05	94	TP16-61270-B03	FORWARD/REVERSING SWITCH 1PHASE	254.40
<b><u>NEON LAMPS</u></b>				95	TP16-61211-B03	FORWARD/REVERSING SWITCH 3PHASE	247.80
39	LG-220	PILOT LIGHT NEON LAMPS GRN.220V.AC	10.80	96	S32-61211-B03	FORWARD/REVERSING SWITCH 3PHASE 32AMP	345.60
40	LR-220	PILOT LIGHT NEON LAMPS RED 220V.AC	10.80	<b><u>2 SPEED SWITCHES</u></b>			
<b><u>FILAMENT LAMPS</u></b>				97	TP16-61212-B03	2 SPEED SWITCH 16AMP 0-1-2	306.50
41	FILAMBC24	MBC 24V 2W 10X28MM FILAMENT LAMPS	19.80	98	TP16-61213-B03	2SPEED SWITCH 16AMP 1-0-2	306.50
42	FILAMBC130	MBC 130V 2.6W 10X28MM FILAMENT LAMPS	19.80	99	S32-61212-B03	2 SPEED SWITCH 32 AMP 3 PHASE	450.00
43	FILAMBC230	MBC 230V 3W 10X28MM FILAMENT LAMPS	19.80	<b><u>MULTI-STEP CAM SELECTOR SWITCHES (with OFF)</u></b>			
<b><u>LED LAMPS</u></b>				<b><u>PANEL MOUNT</u></b>			
44	ADL-BA9-230R	MBC 230VAC LED LAMP - RED	54.75	100	TP16-61060-B03	MULTISTEP SWITCH WITH OFF 3STEP	176.10
45	ADL-BA9-230G	MBC 230VAC LED LAMP - GREEN	54.75	101	TP16-61061-B03	MULTISTEP SWITCH WITH OFF 4STEP	208.70
46	ADL-BA9-230Y	MBC 230VAC LED LAMP - YELLOW	54.75	102	TP16-61062-B03	MULTISTEP SWITCH WITH OFF 5STEP	234.80
47	ADL-BA9-230B	MBC 230VAC LED LAMP - BLUE	54.75	103	TP16-61064-B03	MULTISTEP SWITCH WITH OFF 7STEP	286.90
<b><u>METAL DOLLY TOGGLE SWITCHES</u></b>				104	TP16-61068-B03	MULTISTEP SWITCH WITH OFF 11STEP	410.90
<b><u>Single Pole</u></b>				<b><u>PANEL METER CAM SELECTOR SWITCHES</u></b>			
48	7011	7011 TOGGLE SWITCH SP-ST ON-OFF	90.40	<b><u>PANEL MOUNT</u></b>			
49	7012	7012 TOGGLE SWITCH 2 POS ON-ON	87.60	<b><u>AMMETER SWITCH with centre OFF</u></b>			
50	7013	7013 TOGGLE SWITCH SP-DT ON-OFF-ON	56.50	105	TP16-61325-B03	AMP METER SELECTOR SWITCH	255.70
<b><u>Double Pole</u></b>				<b><u>VOLTMETER SWITCHES with centre OFF</u></b>			
51	7021	7021 TOGGLE SWITCH DP-ST ON-OFF	67.00	106	TP16-61311-B03	VOLT METER SELECTOR SWITCH 4POS	200.90
52	7022	7022 TOGGLE SWITCH DP-DT ON-ON	124.60	107	TP16-61312-B03	VOLT METER SELECTOR SWITCH 4POS	200.90
53	7023	7023 TOGGLE SWITCH DP-DT ON-OFF-ON	56.50	108	TP16-61313-B03	VOLT METER SELECTOR SWITCH 7POS	255.70
<b><u>Accessories</u></b>				<b><u>ACCESSORIES</u></b>			
54	WPCBOOT	WATER PROOF BOOT FOR METAL TOGGLE SW	35.70	109	B33	PADLOCKABLE HANDLE FOR TP-16	73.00
55	TOGGON-OFF	LABELS FOR TOGGLE SWITCH LEGEND PLATES	10.00	110	FNC63	EARLY MAKE ADD ON BLOCK FOR LB RANGE	45.00
56	TOGGON-ON	LEDGEND PLATE ON/ON ROR TOGGLE SWITCH	10.00	111	DMBTP16	DIN MOUNT BASE FOR TP16+S32	48.70
57	TOGGON-OFF-ON	LEDGEND PLATE ON/OFF/ON ROR TOGGLE SWITCH	10.00	112	BMPPT16	BACK MOUNT PLATE FOR TP16	12.20
<b><u>SIGNAL EQUIPMENT</u></b>				113	BMPS32	BACK MOUNT PLATE FOR S32	12.20
58	LTE-3072R	220V RED STROBE LIGHT	468.00	114	BMPS40	BACK MOUNT PLATE FOR S40+S63	24.30
59	LTE/WMG	WIRE MESCH GAURD FOR STROBE LIGHT	173.00	115	BMPS100	BACK MOUNT PLATE FOR S80+S100+S200	48.70
60	BF-30	220V BUZZER	123.80				
61	12VSIREN	12vdc 15w SIREN SD22	78.70				
62	SM12	AVANTI SIREN MODULE 12V AC/DC	220.00				
63	4060SPEAK	8ohm 10watt HORN SPEAKER - 80mm	88.70				

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**ONESTO MCB  
3kA "C" curve  
6kA "C" curve**

**ONESTO MCB  
10kA "D" curve  
Large Frame Circuit Breakers**

No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b>3KA MCB - "C" CURVE</b>				<b>10KA MCB - "D" CURVE</b>			
<u>SINGLE POLE</u>				<u>SINGLE POLE</u>			
1	KC3-102	ONESTO 2AMP 3KA SP DIN MCB(GREY)	41.60	65	KC10-T-106	ONESTO 6 AMP "D" CURVE SP MCB(BLACK)	111.00
2	KC3-106	ONESTO 6AMP 3KA SP DIN MCB (GREY)	41.60	66	KC10-T-110	ONESTO 10AMP "D" CURVE SP MCB(BLACK)	111.00
3	KC3-110	ONESTO 10AMP 3KA SP DIN MCB(GREY)	41.60	67	KC10-T-116	ONESTO 16AMP "D" CURVE SP MCB(BLACK)	111.00
4	KC3-116	ONESTO 16AMP 3KA SP DIN MCB(GREY)	41.60	68	KC10-T-120	ONESTO 20AMP "D" CURVE SP MCB(BLACK)	111.00
5	KC3-120	ONESTO 20AMP 3KA SP DIN MCB(GREY)	41.60	69	KC10-T-125	ONESTO 25AMP "D" CURVE SP MCB(BLACK)	111.00
6	KC3-125	ONESTO 25AMP 3KA SP DIN MCB(GREY)	41.60	70	KC10-T-132	ONESTO 32AMP "D" CURVE SP MCB(BLACK)	111.00
7	KC3-132	ONESTO 32AMP 3KA SP DIN MCB(GREY)	48.60	71	KC10-T-140	ONESTO 40AMP "D" CURVE SP MCB(BLACK)	111.00
8	KC3-140	ONESTO 40AMP 3KA SP DIN MCB(GREY)	48.60	72	KC10-T-150	ONESTO 50AMP "D" CURVE SP MCB(BLACK)	111.00
9	KC3-150	ONESTO 50AMP 3KA SP DIN MCB(GREY)	52.40	73	KC10-T-163	ONESTO 63AMP "D" CURVE SP MCB(BLACK)	111.00
10	KC3-163	ONESTO 63AMP 3KA SP DIN MCB(GREY)	52.40	74	KC10-T-180	ONESTO 80AMP "D" CURVE SP MCB(BLACK)	373.90
<u>DOUBLE POLE</u>				<u>TRIPLE POLE</u>			
11	KC3-202	ONESTO 2AMP 3KA DP DIN MCB (GREY)	182.50	75	KC10-T-306	ONESTO 6AMP "D" CURVE TP MCB(BLACK)	349.60
12	KC3-206	ONESTO 6AMP 3KA DP DIN MCB (GREY)	182.50	76	KC10-T-310	ONESTO 10AMP "D" CURVE TP MCB(BLACK)	349.60
13	KC3-210	ONESTO 10AMP 3KA DP DIN MCB(GREY)	182.50	77	KC10-T-316	ONESTO 16AMP "D" CURVE TP MCB(BLACK)	349.60
14	KC3-216	ONESTO 16AMP 3KA DP DIN MCB(GREY)	182.50	78	KC10-T-320	ONESTO 20AMP "D" CURVE TP MCB(BLACK)	349.60
15	KC3-220	ONESTO 20AMP 3KA DP DIN MCB(GREY)	182.50	79	KC10-T-325	ONESTO 25AMP "D" CURVE TP MCB(BLACK)	349.60
16	KC3-225	ONESTO 25AMP 3KA DP DIN MCB(GREY)	182.50	80	KC10-T-332	ONESTO 32AMP "D" CURVE TP MCB(BLACK)	349.60
17	KC3-232	ONESTO 32AMP 3KA DP DIN MCB(GREY)	182.50	81	KC10-T-340	ONESTO 40AMP "D" CURVE TP MCB(BLACK)	349.60
18	KC3-240	ONESTO 40AMP 3KA DP DIN MCB(GREY)	182.50	82	KC10-T-350	ONESTO 50AMP "D" CURVE TP MCB(BLACK)	349.60
19	KC3-250	ONESTO 50AMP 3KA DP DIN MCB(GREY)	182.50	83	KC10-T-363	ONESTO 63AMP "D" CURVE TP MCB(BLACK)	349.60
20	KC3-263	ONESTO 63AMP 3KA DP DIN MCB(GREY)	182.50	84	KC10-T-380	ONESTO 80AMP "D" CURVE TP MCB(BLACK)	1011.80
<u>TRIPLE POLE</u>				85	KC10-T-3100	ONESTO 100AMP "D" CURVE TP MCB(BLACK)	1011.80
21	KC3-302	ONESTO 2AMP 3KA TP DIN MCB(GREY)	279.40	<u>ISOLATORS</u>			
22	KC3-306	ONESTO 6AMP 3KA TP DIN MCB(GREY)	279.40	86	KCM-T-163	ONESTO 63AMP SP DIN ISOLATOR ORANGE	106.10
23	KC3-310	ONESTO 10AMP 3KA TP DIN MCB(GREY)	279.40	87	KCM-T-232	ONESTO 32AMP DP DIN ISOLATOR ORANGE	139.10
24	KC3-316	ONESTO 16AMP 3KA TP DIN MCB(GREY)	279.40	88	KCM-T-263	ONESTO 63AMP DP DIN ISOLATOR ORANGE	156.90
25	KC3-320	ONESTO 20AMP 3KA TP DIN MCB(GREY)	279.40	89	KCM-T-332	ONESTO 32AMP TP DIN ISOLATOR ORANGE	233.50
26	KC3-325	ONESTO 25AMP 3K TP DIN MCB(GREY)	279.40	90	KCM-T-363	ONESTO 63AMP TP DIN ISOLATOR ORANGE	241.20
27	KC3-332	ONESTO 32AMP 3KA TP DIN MCB(GREY)	279.40	91	KCM-T-3100	ONESTO 100AMP TP DIN ISOLATOR ORANGE	440.20
28	KC3-340	ONESTO 40AMP 3KA TP DIN MCB(GREY)	279.40	<u>EARTH LEAKAGE RELAY (Isolator type)</u>			
29	KC3-350	ONESTO 50AMP 3KA TP DIN MCB(GREY)	279.40	92	KRC3-225	ONESTO DOUBLE POLE 25A ISOLATOR ELU	424.90
30	KC3-363	ONESTO 63AMP 3KA TP DIN MCB(GREY)	279.40	93	KRC3-240	ONESTO DOUBLE POLE 40A ISOLATOR ELU	447.90
<u>SINGLE POLE + NEUTRAL</u>				94	KRC3-263	ONESTO DOUBLE POLE 63A ISOLATOR ELU	301.00
31	KCN-110	ONESTO 10AMP 4.5KA SINGLE POLE+NEUTRAL DIN	139.10	95	KRC3-440	ONESTO TRIPLE POLE 40A ISOLATOR ELU	853.90
32	KCN-116	ONESTO 16AMP 4.5KA SINGLE POLE+NEUTRAL DIN	139.10	96	KRC3-463	ONESTO TRIPLE POLE 63A ISOLATOR ELU	914.90
33	KCN-120	ONESTO 20AMP 4.5KA SINGLE POLE+NEUTRAL DIN	139.10	<u>KWH METERS</u>			
34	KCN-125	ONESTO 25AMP 4.5KA SINGLE POLE+NEUTRAL DIN	139.10	97	MCE-011	ONESTO SINGLE PHASE KWH METER DIN MOUNT	889.50
35	KCN-132	ONESTO 32AMP 4.5KA SINGLE POLE+NEUTRAL DIN	139.10	98	MCE-021	ONESTO THREE PHASE KWH METER DIN MOUNT	2301.00
<b>6KA MCB - "C" CURVE</b>				<u>ACCESSORIES</u>			
<u>SINGLE POLE</u>				99	BP063/1	1 PHASE BUSBAR	254.70
36	KC6-T-102	ONESTO 2AMP 6KA SP DIN MCB(BLUE)	95.70	100	BP063/3	3 PHASE BUSBAR	505.30
37	KC6-T-106	ONESTO 6AMP 6KA SP DIN MCB(BLUE)	95.70	101	DIN/EBAR	ONESTO DIN CLIP-IN EARTH BAR	49.45
38	KC6-T-110	ONESTO 10AMP 6KA SP DIN MCB(BLUE)	95.70	102	DIN/NBAR	ONESTO DIN CLIP-IN NEUTRAL BAR	49.45
39	KC6-T-116	ONESTO 16AMP 6KA SP DIN MCB(BLUE)	95.70	103	DINCLIP	DIN RAIL CONVERSION CLIP (EACH)	5.05
40	KC6-T-120	ONESTO 20AMP 6KA SP DIN MCB(BLUE)	95.70	<u>ONESTO LARGE FRAME BREAKERS</u>			
41	KC6-T-125	ONESTO 25AMP 6KA SP DIN MCB(BLUE)	95.70	<u>LF BREAKERS</u>			
42	KC6-T-132	ONESTO 32AMP 6KA SP DIN MCB(BLUE)	95.70	104	KCM1-100S-80	ONESTO 80AMP TP MCB	1321.20
43	KC6-T-140	ONESTO 40AMP 6KA SP DIN MCB(BLUE)	95.70	105	KCM1-100S-100	ONESTO 100AMP TP MCB	1321.20
44	KC6-T-150	ONESTO 50AMP 6KA SP DIN MCB(BLUE)	95.70	106	KCM1-225S-125	ONESTO 125A 25KA TP MOULDED CASE CB	1722.20
45	KC6-T-163	ONESTO 63AMP 6KA SP DIN MCB(BLUE)	95.70	107	KCM1-225S-160	ONESTO 160A 25KA TP MOULDED CASE CB	1722.20
<u>DOUBLE POLE</u>				108	KCM1-225S-200	ONESTO 200A 25KA TP MOULDED CASE CB	1722.20
46	KC6-T-206	ONESTO 2AMP 6KA DP DIN MCB(BLUE)	209.30	109	KCM1-225S-225	ONESTO 225A 25KA TP MOULDED CASE CB	1722.20
47	KC6-T-210	ONESTO 10AMP 6KA DP DIN MCB(BLUE)	209.30	110	KCM1-225S-250	ONESTO 250A 25KA TP MOULDED CASE CB	1722.20
48	KC6-T-216	ONESTO 16AMP 6KA DP DIN MCB(BLUE)	209.30	111	KCM1-400S-315	ONESTO 315AMP 35KA TP MCB	4586.60
49	KC6-T-220	ONESTO 20AMP 6KA DP DIN MCB(BLUE)	209.30	112	KCM1-400S-350	ONESTO 350AMP 35KA TP MCB	4586.60
50	KC6-T-225	ONESTO 25AMP 6KA DP DIN MCB(BLUE)	209.30	113	KCM1-400S-400	ONESTO 400AMP 35KA TP MCB	4586.60
51	KC6-T-232	ONESTO 32AMP 6KA DP DIN MCB(BLUE)	209.30	114	KCM1-630S-500	ONESTO 500AMP 35KA TP MCB	8266.20
52	KC6-T-240	ONESTO 40AMP 6KA DP DIN MCB(BLUE)	209.30	115	KCM1-630S-630	ONESTO 630AMP 35KA TP MCB	8266.20
53	KC6-T-250	ONESTO 50AMP 6KA DP DIN MCB(BLUE)	209.30	<u>LF ISOLATORS</u>			
54	KC6-T-263	ONESTO 63AMP 6KA DP DIN MCB(BLUE)	209.30	116	KCM1-IS225S-160	ONESTO 160A TP ISOLATOR MOULDED CASE	1485.90
<u>TRIPLE POLE</u>				117	KCM1-IS225S-250	ONESTO 250A TP ISOLATOR MOULDED CASE	1485.90
55	KC6-T-302	ONESTO 2AMP 6KA TP DIN MCB(BLUE)	338.20	118	KCM1-IS400S-400	ONESTO 400AMP 25KA TP ISOLATOR	3881.20
56	KC6-T-306	ONESTO 6AMP 6KA TP DIN MCB(BLUE)	338.20	119	KCM1-IS630S-630	ONESTO 630AMP 25KA TP ISOLATOR	6591.70
57	KC6-T-310	ONESTO 10AMP 6KA TP DIN MCB(BLUE)	338.20	120	KCM1-IS800S-800	ONESTO 800AMP 25KA TP ISOLATOR	8596.80
58	KC6-T-316	ONESTO 16AMP 6KA TP DIN MCB(BLUE)	338.20	121	KCM1-VDH-100	ONESTO 100A 25KA VARIDDEPTH HANDLE	523.25
59	KC6-T-320	ONESTO 20AMP 6KA TP DIN MCB(BLUE)	338.20	122	KCM1-VDH-225	ONESTO 250A 25KA VARIDDEPTH HANDLE	598.00
60	KC6-T-325	ONESTO 25AMP 6KA TP DIN MCB(BLUE)	338.20	123	KCM1-VDH-400	ONESTO 400A 25KA VARIDDEPTH HANDLE	741.75
61	KC6-T-332	ONESTO 32AMP 6KA TP DIN MCB(BLUE)	338.20	124	KCM1-VDH-630	ONESTO 630A 25KA VARIDDEPTH HANDLE	1006.10
62	KC6-T-340	ONESTO 40AMP 6KA TP DIN MCB(BLUE)	338.20	125	KCM1-VDH-800	ONESTO 800A 25KA VARIDDEPTH HANDLE	1196.00
63	KC6-T-350	ONESTO 50AMP 6KA TP DIN MCB(BLUE)	338.20				
64	KC6-T-363	ONESTO 63AMP 6KA TP DIN MCB(BLUE)	338.20				

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**KATKO**  
Load Break Switches



**KATKO**  
Surface Switches  
Accessories

No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b>BASE MOUNT LOAD BREAK SWITCHES</b>				<b>SURFACE MOUNT SWITCHES</b>			
<u>3 POLE - BASIC MODEL</u> (complete with Handle & Shaft)				<u>ON-OFF ISOLATORS</u>			
1	KU316N	7.5KW L/BREAK 16A TP ISOL C/W HANDLE & SHAFT	492.00	<u>ABS Enclosure</u>			
2	KU325N	11KW L/BREAK 25A TP ISOL C/W HANDLE & SHAFT	500.00	23	KEM325Y/R-ABS	11KW SURF ISOLATOR PADLOCKABLE 25AMP	528.00
3	KU340N	15KW L/BREAK 40A TP ISOL C/W HANDLE & SHAFT	509.00	24	KEM340Y/R-ABS	15KW SURF ISOLATOR PADLOCKABLE 40AMP	557.00
4	KU363N	22KW L/BREAK 63A TP ISOL C/W HANDLE & SHAFT	613.00	25	KEM363Y/R-ABS	22KW SURF ISOLATOR PADLOCKABLE 63AMP	1039.00
5	KU380N	30KW L/BREAK 80A TP ISOL C/W HANDLE & SHAFT	693.00	26	KEM380Y/R-ABS	30KW SURF ISOLATOR PADLOCKABLE 80AMP	1202.00
6	VKA3125N	37KW L/BREAK 125A TP ISOL C/W HANDLE & SHAFT	1442.00	<u>Polycarbonate Enclosure</u>			
7	VKA3160N	75KW L/BREAK 160A TP ISOL C/W HANDLE & SHAFT	1563.00	27	KEM325Y/R-POLY	11KW SURF ISOLATOR PADLOCKABLE 25AMP	675.00
8	VKA3250	132KW L/BREAK 250A TP ISOL C/W HANDLE & SHAFT	2612.00	28	KEM340Y/R-POLY	15KW SURF ISOLATOR PADLOCKABLE 40AMP	781.00
<u>4 POLE - BASIC MODEL</u> (complete with Handle & Shaft)				29	KEM363Y/R-POLY	22KW SURF ISOLATOR PADLOCKABLE 63AMP	1227.00
9	KU416N	7.5KW L/BREAK 16A 4P ISOL C/W HANDLE & SHAFT	589.00	30	KEM380Y/R-POLY	30KW SURF ISOLATOR PADLOCKABLE 80AMP	1653.00
10	KU425N	11KW L/BREAK 25A 4P ISOL C/W HANDLE & SHAFT	605.00				
11	KU440N	15KW L/BREAK 40A 4P ISOL C/W HANDLE & SHAFT	621.00	31	KEM425Y/R-POLY	11KW SURF ISOLATOR PADLOCKABLE 25AMP 4P	903.00
12	KU463N	22KW L/BREAK 63A 4P ISOL C/W HANDLE & SHAFT	863.00	32	KEM463Y/R-POLY	22KW SURF ISOLATOR PADLOCKABLE 63AMP 4P	1392.00
13	KU480N	30KW L/BREAK 80A 4P ISOL C/W HANDLE & SHAFT	951.00	<u>ACCESSORIES</u>			
14	VKA4125N	37KW L/BREAK 125A 4P ISOL C/W HANDLE & SHAFT	1651.00	33	LK10Y/R	DOOR INTERLOCK HANDLE Y/R	153.00
15	VKA4160N	55KW L/BREAK 160A 4P ISOL C/W HANDLE & SHAFT	1804.00	34	LK10	DOOR INTERLOCK HANDLE BLACK	153.00
<b>DIN MOUNT LOAD BREAK SWITCHES</b>				35	L300/AD11	300mm EXTENSION SHAFT	49.00
<u>3 POLE - BASIC MODEL</u> (DIN Mount Toggle Handle)				36	KU1-V	1NC+1NO AUXILIARY CONTACT FOR KU MODELS	204.00
16	KUE316	7.5KW L/BREAK 16A TP ISOL, TOGGLE HANDLE	301.00	37	VKA1-V	1NC+1NO AUXILIARY CONTACT FOR VKA3125& 3160	245.00
17	KUE325	11KW L/BREAK 25A TP ISOL, TOGGLE HANDLE	329.00	38	VK1-S	1NO AUXILIARY CONTACT FOR VK3250	241.00
18	KUE340	15KW L/BREAK 40A TP ISOL, TOGGLE HANDLE	357.00	39	RV66	KIT FOR 6 POLE CONNECTION FOR KU MODELS	305.00
19	KUE363	22KW L/BREAK 63A TP ISOL, TOGGLE HANDLE	477.00	40	RV104	KIT FOR 6 POLE CONNECTION FOR VKA MODELS	334.00
20	KUE380	30KW L/BREAK 80A TP ISOL, TOGGLE HANDLE	560.00	41	VV-1-0-2KU	CHANGE OVER KIT FOR KU MODELS	2044.00
21	EVA3125	37KW L/BREAK 125A TP ISOL, TOGGLE HANDLE	1322.00	42	VV-1-0-2VKA	CHANGE OVER KIT FOR VKA MODELS	1391.00
22	EVA3160	55KW L/BREAK 160A TP ISOL, TOGGLE HANDLE	1732.00	43	KV10X38	FUSE BASE ATTACHMENT FOR 10X38 FUSES TP	250.00
				44	OKA/KU/LK10	PANEL MOUNT KIT FOR KU316N TO KU380N	268.00
				45	ALK-125	TERMINAL SPREADER FOR 160A EVA & VKA	303.00

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**Limit Switches**  
- Normal Duty  
- Heavy Duty



**Safety Switches**  
**Foot Switches**  
**Micro Switches**

No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b>LIMIT SWITCHES</b>				<b>SAFETY SWITCHES</b>			
<b>FR SERIES</b> (Position Switch for NORMAL DUTY) Thermo Plastic Housing - IP67				<b>Key Safety Switch</b> Thermo Plastic Housing - IP67			
1	FR501	PIZZATO FR501 PLUNGER	257.00	34	FR692-D	PIZZATO FR692 KEY SAFETY SWITCH - Straight key	568.00
2	FR502	PIZZATO FR502 1 DIRECTION ROLLER LEVER	284.00	35	FR692-D1	PIZZATO FR692 KEY SAFETY SWITCH - 90° key	568.00
3	FR505	PIZZATO FR505 ANGLE ROLLER LEVER	284.00	<b>Rope Safety Switch</b> Metal Housing - IP67			
4	FR507	PIZZATO FR507 1 DIRECTION ROLLER LEVER LARGE	296.00	36	FD1884	PIZZATO FD684 HORIZ. ROPE SAFETY SW 1NC+1NO	953.00
5	FR515	PIZZATO FR515 ROLLER PLUNGER	290.00	37	FD1878	PIZZATO FD678 VERT. ROPE SAFETY SW 1NC+1NO	627.00
6	FR520	PIZZATO FR520 SPRING LEVER	298.00	<b>ACCESSORIES</b>			
7	FR521	PIZZATO FR521 CATS WHISKER	299.00	<b>CONTACT BLOCKS</b>			
8	FR525	PIZZATO FR525 HD SPRING LEVER	324.00	38	VFB5	PIZZATO 1NO+1NC SNAP ACTION CONTACT BLOCK	178.00
9	FR550	PIZZATO FR550 STEEL ROD LEVER	331.00	39	VFB9	PIZZATO 2NC SLOW ACTION CONTACT BLOCK	183.00
10	FR554	PIZZATO FR554 ROLLER LEVER	320.00	40	VFB10	PIZZATO 2NO SLOW ACTION CONTACT BLOCK	183.00
11	FR555	PIZZATO FR555 ADJ. ROLLER LEVER	330.00	<b>SPARE KEYS</b>			
12	FR569	PIZZATO FR569 FIBRE GLASS LEVER	331.00	41	VFKEY-D	PIZZATO RED STRAIGHT KEY	50.00
<b>FP SERIES</b> (Position Switch for HEAVY DUTY) Thermo Plastic Housing - IP67				42	VFKEY-D1	PIZZATO RED 90° KEY	50.00
13	FP501	PIZZATO FP501 PLUNGER	312.00	43	VFKEY-F	PIZZATO BLACK STRAIGHT KEY	71.00
14	FP502	PIZZATO FP502 1 DIRECTION ROLLER LEVER	362.00	44	VFKEY-F1	PIZZATO BLACK 90° KEY	71.00
15	FP505	PIZZATO FP505 ANGLE ROLLER LEVER	363.00	45	VFKEY-F2	PIZZATO BLACK JOINTED KEY	182.00
16	FP515	PIZZATO FP515 ROLLER PLUNGER	413.00	<b>FOOT SWITCHES (Thermo Plastic)</b>			
17	FP520	PIZZATO FP520 SPRING LEVER	386.00	46	PA20100	PIZZATO STOP FOOTSW. (HALF RED COVER)	754.00
18	FP521	PIZZATO FP521 CATS WHISKER	388.00	47	PA20120	PIZZATO THERMOPLASTIC OPEN LOCKING	806.00
19	FP525	PIZZATO FP525 HD SPRING LEVER	409.00	48	PX10110	PIZZATO FOOTSW. 1NO+1NC SNAP ACTION (YLW)	928.00
20	FP531	PIZZATO FP531 ROLLER LEVER	454.00	49	VFB501	PIZZATO FOOTSW. 1NO+1NC CONTACT BLOCK	185.00
21	FP532	PIZZATO FP532 STEEL ROD LEVER	473.00	<b>MICRO SWITCHES</b>			
22	FP535	PIZZATO FP535 ADJ. ROLLER LEVER	473.00	50	MV09	PIZZATO MICRO SW PLUNGER 10mm DIA.	187.00
23	FP536	PIZZATO FP536 FIBRE GLASS LEVER	475.00	51	MV15	PIZZATO MICRO SW ROLLER PLUNGER 12mm DIA.	226.00
24	FP1635	PIZZATO FP1635 2 WAY SWITCHING LEVER - 2NC	581.00	52	MV30	PIZZATO MICRO SW 64mm LEVER	135.00
<b>FD SERIES</b> (Position Switch for HEAVY DUTY) Metal Housing - IP67				53	MV40	PIZZATO MICRO SW 48mm ROLLER LEVER	152.00
25	FD501	PIZZATO FD501 PLUNGER LEVER METAL BODY	355.00	54	MV45	PIZZATO MICRO SW 25mm ROLLER LEVER	147.00
26	FD502	PIZZATO FD502 ROLLER PLUNGER METAL BODY	404.00	55	MV47	PIZZATO MICRO SW 23mm ROLLER LEVER 1 WAY	176.00
27	FD504	PIZZATO FD504 LEVER PLUNGER METAL BODY	431.00	56	MV57	PIZZATO MICRO SW 25mm ROLLER LEVER 1 WAY	176.00
28	FD521	PIZZATO FD521 CATS WISKER METAL BODY	427.00				
29	FD525	PIZZATO FD525 SPRING LEVER METAL BODY	449.00				
30	FD531	PIZZATO FD531 ROLLER LEVER METAL BODY	556.00				
31	FD532	PIZZATO FD532 STAINLESS STEEL METAL BODY	575.00				
32	FD535	PIZZATO FD535 ADJUSTABLE ROLLER METAL BODY	575.00				
33	FD542	PIZZATO FD542 METAL BODY 1NO+1NC	677.00				

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**Analogue Switchboard  
Panel Meters**

**Current Transformers**

No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b><u>AMMETERS - Moving Iron AC</u></b>				<b><u>CURRENT TRANSFORMERS</u></b>			
<b><u>DIRECT READING</u></b>				<b><u>32mm RING TYPE</u></b>			
1	BP60-*	Available AMPS: 5, 10, 15, 20, 30 60X60	176.00	<b><u>Screw Mount</u></b>			
2	EQ72-*	Available AMPS: 10/20, 15/30, 20/40, 25/50, 30/60, 72X72 40/80	195.00	28	KRO-50/5	KRO 50/5A CURRENT TRANSFORMER	137.00
<b><u>CT OPERATED - 5 amp (incl. scale plate)</u></b>				29	KRO-60/5	KRO 60/5A CURRENT TRANSFORMER	137.00
3	EQ72-*/5	Available AMPS: 5/5, 50/5, 60/5, 80/5, 100/5, 150/5, 72X72 200/5, 250/5, 300/5, 400/5, 500/5, 600/5, 800/5, 1000/5, 1200/5	195.00	30	KRO-80/5	KRO 80/5A CURRENT TRANSFORMER	137.00
4	EQ96-*/5	Available AMPS: 50/5, 100/5, 150/5, 200/5, 250/5, 300/5 96X96 400/5, 500/5, 600/5, 800/5, 1000/5, 1200/5 1600/5, 1800/5, 2000/5, 2500/5, 3000/5	209.00	31	KRO-100/5	KRO 100/5A CURRENT TRANSFORMER	137.00
<b><u>SPARE SCALE PLATES</u></b>				32	KRO-150/5	KRO 150/5A CURRENT TRANSFORMER	137.00
5	ESC72-*/5	Available AMPS: 5/5, 50/5, 60/5, 80/5, 100/5, 150/5, 72X72 200/5, 250/5, 300/5, 400/5, 500/5, 600/5, 800/5, 1000/5, 1200/5	26.20	33	KRO-200/5	KRO 200/5A CURRENT TRANSFORMER	151.00
6	ESC96-*/5	Available AMPS: 50/5, 100/5, 150/5, 200/5, 250/5, 300/5 96X96 400/5, 500/5, 600/5, 800/5, 1000/5, 1200/5 1600/5, 1800/5, 2000/5, 2500/5, 3000/5	26.30	34	KRO-250/5	KRO 250/5A CURRENT TRANSFORMER	151.00
<b><u>MAXIMUM DEMAND METERS</u></b>				35	KRO-300/5	KRO 300/5A CURRENT TRANSFORMER	151.00
<b><u>COMBINATION</u></b>				36	KRO-400/5	KRO 400/5A CURRENT TRANSFORMER	151.00
<b><u>MAXIMUM DEMAND METERS (incl. scale plate)</u></b>				<b><u>KR2 SERIES - RING TYPE</u></b>			
7	BIEQ96-*/5	Available AMPS: 50/5, 100/5, 150/5, 200/5, 250/5, 300/5 96X96 400/5, 500/5, 600/5, 800/5, 1000/5, 1200/5, 1600/5, 1800/5, 2000/5, 2500/5	771.00	<b><u>Screw Mount</u></b>			
<b><u>SPARE SCALE PLATES</u></b>				37	KR2-300/5	KR 300/5A CURRENT TRANSFORMER	170.00
8	BSC96-*/5	Available AMPS: 50/5, 100/5, 150/5, 200/5, 250/5, 300/5 96X96 400/5, 500/5, 600/5, 800/5, 1000/5, 1200/5, 1600/5, 1800/5, 2000/5, 2500/5	26.30	38	KR2-400/5	KR 400/5A CURRENT TRANSFORMER	176.00
<b><u>VOLTMETERS - Moving Iron AC</u></b>				39	KR2-500/5	KR 500/5A CURRENT TRANSFORMER	183.00
9	BP60-300V	300V VOLTMETER 60X60	176.00	40	KR2-600/5	KR 600/5A CURRENT TRANSFORMER	190.00
10	BP60-500V	500V VOLTMETER 60X60	176.00	41	KR2-800/5	KR 800/5A CURRENT TRANSFORMER	209.00
11	EQ72-300V	300V VOLTMETER 72X72	206.00	<b><u>LR1 SERIES - RING TYPE</u></b>			
12	EQ72-600V	600V VOLTMETER 72X72	206.00	42	LR1-600/5	LR 600/5A CURRENT TRANSFORMER	245.00
13	EQ96-300V	300V VOLTMETER 96X96	222.00	43	LR1-800/5	LR 800/5A CURRENT TRANSFORMER	258.00
14	EQ96-600V	600V VOLTMETER 96X96	222.00	44	LR1-1000/5	LR 1000/5A CURRENT TRANSFORMER	271.00
<b><u>HOOR METERS</u></b>				45	LR1-1200/5	LR 1200/5A CURRENT TRANSFORMER	284.00
15	HM72-240	72X72 HOUR METER 240VAC	295.00	46	LR1-1600/5	LR-1600/5A CURRENT TRANSFORMER	334.00
16	HM72-415	72X72 HOUR METER 415VAC	295.00	47	LR1-2000/5	LR 2000/5A CURRENT TRANSFORMER	358.00
<b><u>POWER FACTOR METER</u></b>				48	LR1-2500/5	LR 2500/5A CURRENT TRANSFORMER	364.00
17	CQ96DR	COS BE96 400V POWER FACTOR CONTROL METER	914.00	49	LR1-3000/5	LR 3000/5A CURRENT TRANSFORMER	432.00
<b><u>FREQUENCY METERS (Pointer)</u></b>							
18	ZQ72-220F	220V 45-55Hz FREQ METER 72X72	599.00				
19	ZQ72-380F	380V 45-55Hz FREQ METER 72X72	599.00				
20	ZQ96-220F	220V 45-55Hz FREQ METER 96X96	615.00				
21	ZQ96-380F	380V 45-55Hz FREQ METER 96X96	615.00				
<b><u>SPARES &amp; ACCESSORIES</u></b>							
22	B96	96X96 BEZELS	20.00				
23	TE72	TERMINAL COVERS FOR EQ72	17.00				
24	TE96	TERMINAL COVERS FOR EQ96	17.00				
25	GE72	SPARE GLASS FOR EQ72	14.50				
26	GE96	SPARE GLASS FOR EQ96	14.50				
27	GB96	SPARE GLASS FOR BIEQ96	24.50				

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b><u>MULTI-FUNCTION / MULTI-RANGE TIMERS</u></b>				<b><u>MULTI-TIME UNEQUAL REPEATING TIMERS</u></b>			
1	VODDTS	GIC MFT 110-240VAC / 24V AC/DC - DIN MOUNT	755.00	55	MTURT23	AVANTI 15sec, 60sec, 8min, 64min URT 230V	461.00
2	MFT12D	AVANTI MULTI-FUNCTION TIMER 12VOLT	461.00	56	MTURT40	AVANTI 15sec, 60sec, 8min, 64min URT 400V	461.00
3	MFT30D	AVANTI MULTI-FUNCTION TIMER 24VOLT	461.00	<b><u>NO POWER DELAY OFF TIMER</u></b>			
4	MFT11A	AVANTI MULTI-FUNCTION TIMER 110VOLT	461.00	57	NPDFT236S	AVANTI 230V 0.3-6 SEC	456.00
5	MFT23A	AVANTI MULTI-FUNCTION TIMER 230VOLT	461.00	58	NPDFT2360S	AVANTI 230V 3-60 SEC	456.00
6	MFT40A	AVANTI MULTI-FUNCTION TIMER 400VOLT	461.00	59	NPDFT236M	AVANTI 230V 0.3-6 MIN	456.00
<b><u>STAR DELTA TIMER</u></b>				60	NPDFT406S	AVANTI 400V 0.3-6 SEC	456.00
7	SDT2330S	AVANTI STAR DELTA TIMER 230V 0-30SEC	361.00	61	NPDFT4060S	AVANTI 400V 3-60 SEC	456.00
8	SDT4030S	AVANTI STAR DELTA TIMER 400V 0-30SEC	361.00	62	NPDFT406M	AVANTI 400V 0.3-6 MIN	456.00
9	SDT-M2330S	AVANTI SDT+MAIN CONT. CONTROL 230V 0-30SEC	428.00	<b><u>NO POWER INTERVAL TIMER</u></b>			
10	SDT-M4030S	AVANTI SDT+MAIN CONT. CONTROL 400V 0-30SEC	428.00	63	NPIT4060S	AVANTI 400V 3-60 SEC	542.00
<b><u>DELAY ON TIMER</u></b>				<b><u>ANTI RECYCLE TIMER</u></b>			
11	DOT236S	AVANTI DELAY ON TIMER 230V 0.3-6SEC	307.00	64	ART2310M	AVANTI 230V 0.5-10 MIN	542.00
12	DOT2360S	AVANTI DELAY ON TIMER 230V 3-60SEC	307.00	<b><u>OVER WATERING TIMER</u></b>			
13	DOT236M	AVANTI DELAY ON TIMER 230V 0.3-6MIN	307.00	65	OWT406M	AVANTI 400V 0.3-6 MIN	565.00
14	DOT2360M	AVANTI DELAY ON TIMER 230V 3-60 MIN	307.00	<b><u>PERCENTAGE TIMER</u></b>			
15	DOT236H	AVANTI DELAY ON TIMER 230V 0.3-6 HOUR	307.00	66	PERCT2360S	AVANTI 230V 0.3-60 SEC	429.00
16	DOT2360H	AVANTI DELAY ON TIMER 230V 3-60 HOUR	307.00	67	PERCT4060S	AVANTI 230V 0.3-60 SEC	429.00
17	DOT406S	AVANTI DELAY ON TIMER 400V 0.3-6SEC	307.00	<b><u>INTERVAL + RESET TIMER</u></b>			
18	DOT4060S	AVANTI DELAY ON TIMER 400V 0.3-60 SEC	307.00	68	IRT236S	AVANTI INTERVAL+RESET TIMER 230V 0.3-6SEC	457.00
19	DOT406M	AVANTI DELAY ON TIMER 400V 0.3-6MIN	307.00	69	IRT2360S	AVANTI INTERVAL+RESET TIMER 230V 3-60 SEC	457.00
20	DOT4060M	AVANTI DELAY ON TIMER 400V 3-60 MIN	307.00	70	IRT236M	AVANTI INTERVAL+RESET TIMER 230V 0.3-6MIN	457.00
21	DOT406H	AVANTI DELAY ON TIMER 400V 0.3-6 HOUR	307.00	71	IRT2360M	AVANTI INTERVAL+RESET TIMER 230V 3-60 MIN	457.00
22	DOT4060H	AVANTI DELAY ON TIMER 400V 3-60 HOUR	307.00	72	IRT236H	AVANTI INTERVAL+RESET TIMER 230V 0.3-6 HRS	457.00
23	12ODT4	GIC DELAY ON TIMER 24v ac/dc, 230vac - DIN MOUNT	536.00	73	IRT406S	AVANTI INTERVAL+RESET TIMER 400V 0.3-6SEC	457.00
24	37EDT7	GIC DELAY ON TIMER 24vac (Retentive) - DIN MOUNT	813.00	74	IRT4060S	AVANTI INTERVAL+RESET TIMER 400V 0-60 SEC	457.00
<b><u>DELAY ON TIMER + INSTANT DPDT CONTACTS</u></b>				75	IRT406M	AVANTI INTERVAL+RESET TIMER 400V 0.3-6 MIN	457.00
25	DOT+I236S	AVANTI DELAY ON TIMER + INSTANT 230V 0.3-6SEC	404.00	76	IRT4060M	AVANTI INTERVAL+RESET TIMER 400V 0-60 MIN	457.00
26	DOT+I2360S	AVANTI DELAY ON TIMER + INSTANT 230V 3-60SEC	404.00	77	IRT406H	AVANTI INTERVAL+RESET TIMER 400V 0.3-6 HRS	457.00
27	DOT+I236M	AVANTI DELAY ON TIMER + INSTANT 230V 0.3-6MIN	404.00	<b><u>MULTI-RANGE REMOTE POT TIMER</u></b>			
28	DOT+I2360M	AVANTI DELAY ON TIMER + INSTANT 230V 3-60MIN	404.00	Multi-range times: 3hr, 6hr, 12hr & 24hr			
29	DOT+I236H	AVANTI DELAY ON TIMER + INSTANT 230V 0.3-6HRS	404.00	Multi-funcion: delay-on timer & interval timer			
30	DOT+I406S	AVANTI DELAY ON TIMER + INSTANT 400V 0.3-6SEC	404.00	78	MRRPT23	230V REMOTE POT TIMER	564.00
31	DOT+I4060S	AVANTI DELAY ON TIMER + INSTANT 400V 3-60SEC	404.00	79	MRRPT40	400V REMOTE POT TIMER	564.00
32	DOT+I406M	AVANTI DELAY ON TIMER + INSTANT 400V 0.3-6MIN	404.00	80	POTLAB10	REMOTE POT & LABEL	108.00
33	DOT+I4060M	AVANTI DELAY ON TIMER + INSTANT 400V 3-60MIN	404.00	For PANEL MOUNT see FMA on Page 18 Item 65			
34	DOT+I406H	AVANTI DELAY ON TIMER + INSTANT 400V 0.3-6HRS	404.00	<b><u>DEFROST TIMER</u></b>			
<b><u>INTERVAL TIMER (Delay Off with Power)</u></b>				81	DT23	AVANTI DEFROST TIMER 230V	509.00
35	IT236S	AVANTI INTERVAL TIMER 230V 0.3-6S	315.00	82	DT40	AVANTI DEFROST TIMER 400V	509.00
36	IT2360S	AVANTI INTERVAL TIMER 230V 0-60S	315.00	<b><u>THREE START ATTEMPT RELAY</u></b>			
37	IT236M	AVANTI INTERVAL TIMER 230V 0.3-6MIN	315.00	83	TSAR12	AVANTI THREE START ATTEMPT RELAY 12VDC	414.00
38	IT2360M	AVANTI INTERVAL TIMER 230V 3-60MIN	315.00	84	TSAR24	AVANTI THREE START ATTEMPT RELAY 24VDC	414.00
39	IT236H	AVANTI INTERVAL TIMER 230V 0.3-6HRS	315.00	<b><u>FORWARD / REVERSE TIMER</u></b>			
40	IT406S	AVANTI INTERVAL TIMER 400V 0.3-6S	315.00	85	FRT/P23	AVANTI FORWARD REVERSE TIMER 230V	489.00
41	IT4060S	AVANTI INTERVAL TIMER 400V 0-60SEC	315.00	86	FRT/P40	AVANTI FORWARD REVERSE TIMER 400V	489.00
42	IT406M	AVANTI INTERVAL TIMER 400V 0.3-6MIN	315.00	<b><u>ONE SHOT TIMER</u></b>			
43	IT4060M	AVANTI INTERVAL TIMER 400V 0-60MIN	315.00	87	OST23	AVANTI ONE SHOT TIMER 230V	323.00
44	IT406H	AVANTI INTERVAL TIMER 400V 0.3-6HRS	315.00	88	OST40	AVANTI ONE SHOT TIMER 400V	323.00
<b><u>EQUAL REPEATING TIMER</u></b>							
45	ERT236S	AVANTI EQUAL REPEATING TIMER 230V 0.3-6 SEC	322.00				
46	ERT2360S	AVANTI EQUAL REPEATING TIMER 230V 3-60 SEC	322.00				
47	ERT236M	AVANTI EQUAL REPEATING TIMER 230V 0.3-6 MIN	322.00				
48	ERT2360M	AVANTI EQUAL REPEATING TIMER 230V 3-60 MIN	322.00				
49	ERT236H	AVANTI EQUAL REPEATING TIMER 230V 0.3-6 HRS	322.00				
50	ERT406S	AVANTI EQUAL REPEATING TIMER 400V 0.3-6 SEC	322.00				
51	ERT4060S	AVANTI EQUAL REPEATING TIMER 400V 3-60 SEC	322.00				
52	ERT406M	AVANTI EQUAL REPEATING TIMER 400V 0.3-6 MIN	322.00				
53	ERT4060M	AVANTI EQUAL REPEATING TIMER 400V 3-60 MIN	322.00				
54	ERT406H	AVANTI EQUAL REPEATING TIMER 400V 0.3-6 HRS	322.00				

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b><u>VOLTAGE MONITOR (Under &amp; Over selectable)</u></b>				<b><u>DISTANCE CONTROL UNIT</u></b>			
1	VM03/030	AVANTI VOLTAGE MONITOR 10-30VDC (10-30VDC)	502.00	38	DCU/123STR	AVANTI DCU 230V	463.00
2	VM03/100	AVANTI VOLTAGE MONITOR 100-300VAC (10-30VDC)	502.00	39	DCU/140STR	AVANTI DCU 400V	463.00
3	VM03/200	AVANTI VOLTAGE MONITOR 200-600VAC (10-30VDC)	502.00	40	DCU/223STR	AVANTI DCU DOUBLE PUMP 230V.A.C.	654.00
4	VM11/030	AVANTI VOLTAGE MONITOR 10-30VDC (110VAC)	502.00	41	DCU/240STR	AVANTI DCU DOUBLE PUMP 400 V.A.C.	654.00
5	VM11/100	AVANTI VOLTAGE MONITOR 100-300VAC (110VAC)	502.00	<b><u>PUMP SEAL MONITOR</u></b>			
6	VM11/200	AVANTI VOLTAGE MONITOR 200-600VAC (110VAC)	502.00	42	PSM	AVANTI PUMP SEAL MONITOR	463.00
7	VM23/030	AVANTI VOLTAGE MONITOR 10-30VDC (230VAC)	502.00	<b><u>FLIP-FLOP RELAY - MAIN CONTROL</u></b>			
8	VM23/100	AVANTI VOLTAGE MONITOR 100-300VAC (230VAC)	502.00	43	FFR11	AVANTI FFR - MAINS CONTROL 110VAC	617.00
9	VM23/200	AVANTI VOLTAGE MONITOR 200-600VAC (230VAC)	502.00	44	FFR23	AVANTI FFR - MAINS CONTROL 230VAC	617.00
10	VM40/030	AVANTI VOLTAGE MONITOR 10-30VDC (400VAC)	502.00	45	FFR40	AVANTI FFR - MAINS CONTROL 400VAC	617.00
11	VM40/100	AVANTI VOLTAGE MONITOR 100-300VAC (400VAC)	502.00	<b><u>FLIP-FLOP RELAY - PULSE CONTROL</u></b>			
12	VM40/200	AVANTI VOLTAGE MONITOR 200-600VAC (400VAC)	502.00	46	FFRP-123	AVANTI FFR - PULSE CONTROL 230V	408.00
<b><u>VOLTAGE WINDOW COMPARITOR</u></b>				47	FFRP-140	AVANTI FFR - PULSE CONTROL 400V	408.00
<b><u>Single Phase</u></b>				<b><u>FLIP-FLOP RELAY - WITH MEMORY</u></b>			
13	VWC11	AVANTI SP VOLTAGE WINDOW COMPARITOR 110VAC	531.00	48	FFRM23	AVANTI FFR WITH MEMORY 230V	457.00
14	VWC23	AVANTI SP VOLTAGE WINDOW COMPARITOR 230VAC	531.00	49	FFRM40	AVANTI FFR WITH MEMORY 400V	457.00
15	VWC40	AVANTI SP VOLTAGE WINDOW COMPARITOR 400VAC	531.00	<b><u>THERMISTOR RELAY</u></b>			
16	VWC12	AVANTI SP VOLTAGE WINDOW COMPARITOR 12VDC	531.00	50	TPR11	AVANTI THERMISTOR RELAY 110V	409.00
17	VWC24	AVANTI SP VOLTAGE WINDOW COMPARITOR 24VDC	531.00	51	TPR23	AVANTI THERMISTOR RELAY 230V	409.00
<b><u>Three Phase</u></b>				52	TPR40	AVANTI THERMISTOR RELAY 400V	409.00
18	VWC323	AVANTI 3P VOLTAGE WINDOW COMPARITOR 230VAC	553.00	<b><u>KLIXON RELAY</u></b>			
19	VWC340	AVANTI 3P VOLTAGE WINDOW COMPARITOR 400VAC	553.00	53	KR23	AVANTI KLIXON RELAY 230VAC	373.00
<b><u>PHASE FAILURE PHASE SEQUENCE RELAY</u></b>				54	KR40	AVANTI KLIXON RELAY 400VAC	373.00
20	PFPSR40	AVANTI PHASE SEQUENCE RELAY	347.00	<b><u>LIQUID LEVEL CONTROL</u></b>			
<b><u>CURRENT MONITOR</u></b>				<b><u>(Filling &amp; Emptying selectable)</u></b>			
21	CM11	AVANTI CURRENT MONITOR 5 AMP 110VAC	511.00	55	LLC23	AVANTI LIQUID LEVEL CONTROL 230V SEL. SWITCH	349.00
22	CM23	AVANTI CURRENT MONITOR 5 AMP 230VAC	511.00	56	LLC40	AVANTI LIQUID LEVEL CONTROL 400V SEL. SWITCH	349.00
23	CM40	AVANTI CURRENT MONITOR 5 AMP 400VAC	511.00	57	LLC323	AVANTI LIQUID LEVEL CONTROL 230V SEL. SWITCH	499.00
<b><u>CURRENT WINDOW COMPARITOR (5amp CT)</u></b>				58	LLC340	AVANTI LIQUID LEVEL CONTROL 400V SEL. SWITCH	499.00
24	CWC11	AVANTI CURRENT WINDOW COMPARITOR 110VAC	586.00	<b><u>ELECTRODE</u></b>			
25	CWC23	AVANTI CURRENT WINDOW COMPARITOR 230VAC	586.00	59	AEL	E/P.STAINLESS STEEL ELECTRODE	86.00
26	CWC40	AVANTI CURRENT WINDOW COMPARITOR 400VAC	586.00	<b><u>SHEAR PIN RELAY</u></b>			
<b><u>ELECTRONIC OVERLOAD RELAY</u></b>				60	SPR23	AVANTI SHEAR PIN RELAY 230VAC	648.00
27	EOLR11	AVANTI 110V OVERLOAD RELAY	705.00	61	SPR40	AVANTI SHEAR PIN RELAY 400VAC	648.00
28	EOLR23	AVANTI 230V OVERLOAD RELAY	705.00	<b><u>SIREN MODULE</u></b>			
29	EOLR40	AVANTI 400V OVERLOAD RELAY	705.00	62	SM12	AVANTI SIREN MODULE 12V AC/DC	220.00
<b><u>GENERATOR SYNCHRONISING UNIT</u></b>				63	4060SPEAK	8ohm 10watt HORN SPEAKER - 80mm	88.70
30	GSU23	AVANTI GENERATOR SYNCHRONISING UNIT 230V	550.00	64	12VSIREN	12vdc 15w SIREN SD22	78.70
31	GSU40	AVANTI GENERATOR SYNCHRONISING UNIT 400V	550.00	<b><u>PIVOT RELAY</u></b>			
<b><u>FREQUENCY MONITOR</u></b>				65	PR23	AVANTI PIVOT RELAY 230VAC	562.00
32	FM23	AVANTI FREQUENCY MONITOR 42-50Hz 230VAC	441.00	66	PR40	AVANTI PIVOT RELAY 400VAC	562.00
33	FM40	AVANTI FREQUENCY MONITOR 42-50Hz 400VAC	441.00	<b><u>FLUSH MOUNT ASSEMBLY</u></b>			
<b><u>PUMP PROTECTION RELAY</u></b>				67	FMA	AVANTI FLUSH MOUNT ASSEMBLY	107.00
34	PPR-1T8-23	AVANTI SP PPR with RESET TIMER - 230V	775.00	<b><u>TEMPERATURE CONTROLLER</u></b>			
35	PPR-3T8-40	AVANTI TP PPR with RESET TIMER - 400V	775.00	<b><u>DIGITAL TEMPERATURE CONTROLLER</u></b>			
<b>NOTE: PPR-3T8 to replace PPR &amp; Reset Timer</b>				67	E3710C	TEMP CONTROL + SENSOR (-50 <sup>o</sup> to +150 <sup>o</sup> C)	1278.00
<b><u>REGULATED POWER SUPPLY</u></b>							
36	PS2.523	AVANTI REG POWER SUPPLY 220V IN 24VDC OUT	322.00				
37	PS2.540	AVANTI REG POWER SUPPLY 400V IN 24VDC OUT	322.00				

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b>STANDARD TERMINALS</b>				<b>BUSBAR &amp; ACCESSORIES</b>			
1	CTS4UN	4MM 35A TERMINAL	8.80				
2	CTS6U	6MM 46A TERMINAL	11.30				
3	CTS10U	10MM 63A TERMINAL	15.40				
4	CTS25UN	16-25MM 110A TERMINAL - No end plate required	36.30	37	BBCOPP	BUSBAR 6MM COPPER BAR	per meter 120.00
5	CTS35UN	35MM 165A TERMINAL - No end plate required	59.40				
6	CTS50U	50MM 175A TERMINAL	169.10				
7	CTS95U	95MM 175A TERMINAL	238.60				
<b>2 STAGE TERMINAL (Double Tier)</b>							
8	CDL4UN	4MM 2 STAGE RAIL MOUNT TERMINAL	24.90				
<b>FUSED TERMINALS (Grey)</b>							
9	CF4U	4MM FUSED TERMINALS - No end plate required	48.80				
<b>END PLATES</b>							
10	EP2.5/4UN	END PLATE FOR 4MM TERMINAL	4.30				
11	EP6/10U	END PLATE FOR 6+10MM TERMINAL	4.80				
12	EP25U	END PLATE FOR 16-25MM TERMINAL	8.60				
13	EP35U	END PLATE FOR 35MM TERMINAL	10.70				
14	EPCDL4UN	END PLATE FOR 4MM 2 STAGE TERMINAL	9.60				
15	EPCSFL4U	END PLATE FOR 4MM FUSE TERMINAL	8.60				
<b>PARTITIONS</b>							
16	PP2.5/4UN	PARTITION FOR 4MM TERMINAL	8.10				
17	PP6/10U	PARTITION FOR 6MM TERMINAL	10.10				
<b>COMB LINK / BRIDGING BAR</b>							
18	CA713/10	4MM COMB LINK - 10 WAY	49.50				
19	CA722/4	4MM 4 WAY BRIDGING BAR	22.30				
<b>EARTH TERMINALS</b>							
20	CGT4N	4MM EARTH TERMINAL (GREEN & YELLOW)	43.20				
21	CGT10U	10MM EARTH TERMINAL (GREEN & YELLOW)	59.20				
22	CGT35U	35MM EARTH TERMINAL (GREEN & YELLOW)	136.10				
<b>END CLAMP</b>							
23	CA802	END CLAMP	7.90				
<b>DISTRIBUTION BLOCKS</b>							
24	CDB4/5	20WAY 50A DISTRIBUTION BLOCK	193.00				
25	CDB6/4	16WAY 95A DISTRIBUTION BLOCK	184.20				
26	CDB10/4	16WAY 125A DISTRIBUTION BLOCK	224.80				
<b>TERMINAL MARKERS</b>							
Standard markers:		CA509/K6-* for 4mm & larger terminals					
(strips of 10)		Individual markers: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 11, 12, 13, 14, 15, 16, 17, 18, 19, 20					
		Sequential markers: 1-10, 11-20, 21-30, 31-40, 41-50 51-60, 61-70, 71-80, 81-90, 91-100					
		Special markers: A to Z, +, -, L1, L2, L3					
		CA509/K2-* for 2 stage terminals					
		Individual markers: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10					
		Special markers: A to Z, +, -					
		All other markers are blank					
Special markers:		On request					
Sold in strips of 10 markers							
				per 100			
27	CA509/K2	for CDL4U, CSFL4U (on fuse carrier)	47.90				
28	CA509/K6	for CTS4UN, CGT4U, CDB4	47.90				
29	CA509/K8	for CTS6U, CSFL4U (on terminal), CDB6	48.60				
30	CA509/K10	for CTS10U, CGT10U, CDB10	48.60				
31	CA509/K12	for CTS25U	55.40				
32	CA509/K15	for CTS35U, CGT35U	55.40				
<b>TOP HAT RAIL</b>							
33	AMC35U	DIN 35 TOP HAT RAIL 2MT STD PLAIN	70.00				
34	AMC35US	DIN 35 TOP HAT RAIL 2M SLOTTED	70.00				
35	CA603	DIN TOP HAT RAIL ANGLE SUPPORT BRACKET	14.40				
36	45005	M5x8 PAN HEAD MACHINE SCREWS FOR TOP HAT	14.00				

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**Cable Ties**

**P.V.C. Slotted Trunking**

No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b><u>CABLE TIES &amp; MOUNTING CRADLES</u></b>				<b><u>P.V.C. SLOTTED TRUNKING</u></b>			
<b><u>CABLE TIES</u></b>			<b>per 100</b>	<b><u>TRUNKING</u></b>			<b>per length</b>
1	T18RB	CABLE TIES T18R BLACK - 104 X 2.5	13.50	19	2525N	25X25 PVC SLOTTED TRUNKING 2MTR	56.70
2	T18RW	CABLE TIES T18R WHITE - 104 X 2.5	13.90	20	2540N	25X40 PVC SLOTTED TRUNKING 2MTR	73.70
3	T30RB	CABLE TIES T30R BLACK - 150 X 3.5	26.80	21	4040N	40X40 PVC SLOTTED TRUNKING 2MTR	88.50
4	T30RW	CABLE TIES T30R WHITE - 150 X 3.5	28.50	22	6040N	60X40 PVC SLOTTED TRUNKING 2MTR	110.40
5	T50RB	CABLE TIES T50R BLACK - 205 X 4.7	40.60	23	8040N	80X40 PVC SLOTTED TRUNKING 2MTR	153.50
6	T50RW	CABLE TIES T50R WHITE - 205 X 4.7	44.70	24	2560N	25X60 PVC SLOTTED TRUNKING 2MTR	98.40
7	T50IB	CABLE TIES T50I BLACK - 305 X 4.7	67.10	25	4060N	40X60 PVC SLOTTED TRUNKING 2MTR	108.00
8	T50IW	CABLE TIES T50I WHITE - 305 X 4.7	65.30	26	6060N	60X60 PVC SLOTTED TRUNKING 2MTR	152.90
9	T50LB	CABLE TIES T50L BLACK - 395 X 4.7	78.30	27	8060N	80X60 PVC SLOTTED TRUNKING 2MTR	180.00
10	T50LW	CABLE TIES T50L WHITE - 395 X 4.7	87.50	28	10060N	100X60 PVC SLOTTED TRUNKING 2MTR	272.00
11	T120RB	CABLE TIES T120R BLACK - 395 X 7.8	164.90	29	4080N	40X80 PVC SLOTTED TRUNKING 2MTR	120.00
12	T120RW	CABLE TIES T120R WHITE - 395 X 7.8	171.40	30	6080N	60X80 PVC SLOTTED TRUNKING 2MTR	230.40
13	LK5B	CABLE TIES LK5 BLACK - 543 X 13.0	560.80	31	8080N	80X80 PVC SLOTTED TRUNKING 2MTR	281.70
14	T120SB	CABLE TIES T120S BLACK - 280 X 7.8	128.00	32	10080N	100X80 PVC SLOTTED TRUNKING 2MTR	288.20
<b><u>MOUNTING CRADLES</u></b>			<b>per 100</b>	33	12080N	120X80 PVC SLOTTED TRUNKING 2MTR	566.40
15	TY3-GISB	TY3-GIS SMALL CRADLE BLACK	133.80	34	80100N	80X100 PVC SLOTTED TRUNKING 2MTR	334.50
16	TY3-GISW	TY3-GIS SMALL CRADLE WHITE	140.40	35	100100N	100X100 PVC SLOTTED TRUNKING 2MTR	504.00
17	TY8-GISB	TY8-GIS LARGE CRADLE BLACK	311.10	<b><u>SPARE COVERS</u></b>			<b>per length</b>
18	TY8-GISW	TY8-GIS LARGE CRADLE WHITE	319.70	36	COV15	15mm PVC SLOTTED TRUNKING COVER 2MTR	26.75
				37	COV25	25mm PVC SLOTTED TRUNKING COVER 2MTR	28.80
				38	COV40	40mm PVC SLOTTED TRUNKING COVER 2MTR	43.20
				39	COV60	60mm PVC SLOTTED TRUNKING COVER 2MTR	69.60
				40	COV80	80mm PVC SLOTTED TRUNKING COVER 2MTR	84.00
				<b><u>ACCESSORIES</u></b>			
				41	STSUPP	SUPPORT FOR SLOTTED TRUNKING+P/BUTTON	15.60

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## Crimping Lugs

## Crimping Ferrules

No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b>CRIMPING LUGS</b>				<b>CRIMPING FERRULES</b>			
			per 100				per 100
1	L1-4	CRIMPING LUG 1.5X4MM	120.40	70	F1	CRIMPING FERRULE 1.5MM	107.80
2	L1-5	CRIMPING LUG 1.5X5MM	120.40	71	F2	CRIMPING FERRULE 2.5MM	122.50
3	L1-6	CRIMPING LUG 1.5X6MM	133.10	72	F4	CRIMPING FERRULE 4MM	152.10
4	L2-4	CRIMPING LUG 2.5X4MM	125.70	73	F6	CRIMPING FERRULE 6MM	174.30
5	L2-5	CRIMPING LUG 2.5X5MM	126.80	74	F10	CRIMPING FERRULE 10MM	286.20
6	L2-6	CRIMPING LUG 2.5X6MM	131.00	75	F16	CRIMPING FERRULE 16MM	352.80
7	L2-8	CRIMPING LUG 2.5X8MM	388.70	76	F25	CRIMPING FERRULE 25MM	498.50
8	L4-4	CRIMPING LUG 4X4MM	169.00	77	F35	CRIMPING FERRULE 35MM	668.50
9	L4-5	CRIMPING LUG 4X5MM	158.40	78	F50	CRIMPING FERRULE 50MM	1190.20
10	L4-6	CRIMPING LUG 4X6MM	170.10	79	F70	CRIMPING FERRULE 70MM	1674.90
11	L4-8	CRIMPING LUG 4X8MM	431.90	80	F95	CRIMPING FERRULE 95MM	2747.80
12	L4-10	CRIMPING LUG 4X10MM	472.10	81	F120	CRIMPING FERRULE 120MM	3698.20
13	L6-4	CRIMPING LUG 6X4MM	207.00	82	F150	CRIMPING FERRULE 150MM	5241.00
14	L6-5	CRIMPING LUG 6X5MM	190.10	83	F185	CRIMPING FERRULE 185MM	7655.00
15	L6-6	CRIMPING LUG 6X6MM	204.90	84	F240	CRIMPING FERRULE 240MM	11046.90
16	L6-8	CRIMPING LUG 6X8MM	490.00	85	F300	CRIMPING FERRULE 300MM	16694.40
17	L6-10	CRIMPING LUG 6X10MM	531.20				
18	L10-5	CRIMPING LUG 10X5MM	335.90				
19	L10-6	CRIMPING LUG 10X6MM	359.10				
20	L10-8	CRIMPING LUG 10X8MM	421.40				
21	L10-10	CRIMPING LUG 10X10MM	577.70				
22	L10-12	CRIMPING LUG 10X12MM	1089.80				
23	L16-6	CRIMPING LUG 16X6MM	436.20				
24	L16-8	CRIMPING LUG 16X8MM	474.20				
25	L16-10	CRIMPING LUG 16X10MM	515.40				
26	L16-12	CRIMPING LUG 16X12MM	728.70				
27	L25-6	CRIMPING LUG 25X6MM	734.00				
28	L25-8	CRIMPING LUG 25X8MM	726.60				
29	L25-10	CRIMPING LUG 25X10MM	764.60				
30	L25-12	CRIMPING LUG 25X12MM	906.10				
31	L35-6	CRIMPING LUG 35X6MM	1015.90				
32	L35-8	CRIMPING LUG 35X8MM	1015.90				
33	L35-10	CRIMPING LUG 35X10MM	1015.90				
34	L35-12	CRIMPING LUG 35X12MM	1166.90				
35	L35-16	CRIMPING LUG 35X16MM	1426.70				
36	L50-6	CRIMPING LUG 50X6MM	1380.20				
37	L50-8	CRIMPING LUG 50X8MM	1343.30				
38	L50-10	CRIMPING LUG 50X10MM	1406.60				
39	L50-12	CRIMPING LUG 50X12MM	1645.30				
40	L50-16	CRIMPING LUG 50X16MM	1920.90				
41	L70-8	CRIMPING LUG 70X8MM	2266.20				
42	L70-10	CRIMPING LUG 70X10MM	2266.20				
43	L70-12	CRIMPING LUG 70X12MM	2294.70				
44	L70-16	CRIMPING LUG 70X16MM	2781.60				
45	L95-8	CRIMPING LUG 95X8MM	3487.00				
46	L95-10	CRIMPING LUG 95X10MM	3487.00				
47	L95-12	CRIMPING LUG 95X12MM	3487.00				
48	L95-16	CRIMPING LUG 95X16MM	3722.40				
49	L95-20	CRIMPING LUG 95X20MM	5251.50				
50	L120-10	CRIMPING LUG 120X10MM	4751.00				
51	L120-12	CRIMPING LUG 120X12MM	4751.00				
52	L120-16	CRIMPING LUG 120X16MM	5050.90				
53	L120-20	CRIMPING LUG 120X20MM	6456.40				
54	L150-10	CRIMPING LUG 150X10MM	6923.20				
55	L150-12	CRIMPING LUG 150X12MM	6923.20				
56	L150-16	CRIMPING LUG 150X16MM	6923.20				
57	L185-10	CRIMPING LUG 185X10MM	9170.40				
58	L185-12	CRIMPING LUG 185X12MM	9170.40				
59	L185-16	CRIMPING LUG 185X16MM	9170.40				
60	L240-10	CRIMPING LUG 240X10MM	14085.00				
61	L240-12	CRIMPING LUG 240X12MM	14085.00				
62	L240-16	CRIMPING LUG 240X16MM	14085.00				
63	L240-20	CRIMPING LUG 240X20MM	14963.60				
64	L300-10	CRIMPING LUG 300X10MM	17634.20				
65	L300-12	CRIMPING LUG 300X12MM	17634.20				
66	L300-16	CRIMPING LUG 300X16MM	17634.20				
67	L400	CRIMPING LUG 400MM BLANK	27696.80				
68	L500	CRIMPING LUG 500MM BLANK	39365.60				
69	L630	CRIMPING LUG 630MM BLANK	59388.40				

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**Pre-Insulated Terminals**

**Pre-Insulated Terminals**

No.	Part No.	Description	Price	No.	Part No.	Description	Price
<b>PRE-INSULATED TERMINALS</b>				<b>FULLY INSULATED TERMINALS</b>			
<u>RING TERMINALS</u>				<u>per 100</u>			
1	1R10	PRE INS RING TONGUE 1R10 RED	184.70	56	TF2DF	FULLY INS FEMALE SPADE DISCONNECT BLUE	257.10
2	1R8	PRE INS RING TONGUE 1R8 RED	146.20	<b>UN-INSULATED TERMINALS</b>			
3	1R6	PRE INS RING TONGUE 1R6 RED	154.90	<u>DISCONNECT TERMINALS</u>			
4	1R5	PRE INS RING TONGUE 1R5 RED	77.90	57	LF061250A	UNINSULATED ANGLE BLADE	368.60
5	1R4	PRE INS RING TONGUE 1R4 RED	99.50	58	LOM51250	UNINSULATED MALE PUSH ON N2DM	239.70
6	1R3	PRE INS RING TONGUE 1R3 RED	77.60	59	LT061250N	UNINSULATED N2DF FEMALE SPADE	335.60
7	2R10	PRE INS RING TONGUE 2R10 BLUE	202.50	60	LT081250N	UNINSULATED N3DF FEMALE SPADE	326.00
8	2R8	PRE INS RING TONGUE 2R8 BLUE	194.40	<b>PRE-PACKED PRE-INSULATED TERMINALS</b>			
9	2R6	PRE INS RING TONGUE 2R6 BLUE	205.50	<u>RING TERMINAL</u>			
10	2R5	PRE INS RING TONGUE 2R5 BLUE	129.10	61	1R6BP	NO1 1R6 RING RED - BUBBLE PACK	21.20
11	2R4	PRE INS RING TONGUE 2R4 BLUE	127.90	62	1R5BP	NO2 1R5 RING RED - BUBBLE PACK	21.20
12	2R35	PRE INS RING TONGUE 2R35 BLUE	110.40	63	1R4BP	NO3 1R4 RING RED - BUBBLE PACK	21.20
13	3R10	PRE INS RING TONGUE 3R10 YELLOW	348.00	64	2R6BP	NO4 2R6 RING BLUE - BUBBLE PACK	21.20
14	3R8	PRE INS RING TONGUE 3R8 YELLOW	363.40	65	2R5BP	NO5 2R5 RING BLUE - BUBBLE PACK	21.20
15	3R6	PRE INS RING TONGUE 3R6 YELLOW	323.70	66	2R4BP	NO6 2R4 RING BLUE - BUBBLE PACK	21.20
16	3R5	PRE INS RING TONGUE 3R5 YELLOW	246.60	67	3R8BP	NO7 3R8 RING YELLOW - BUBBLE PACK	21.20
17	3R4	PRE INS RING TONGUE 3R4 YELLOW	252.30	68	3R6BP	NO8 3R6 RING YELLOW - BUBBLE PACK	21.20
18	3R35	PRE INS RING TONGUE 3R35 YELLOW	258.90	69	3R5BP	NO9 3R5 RING YELLOW - BUBBLE PACK	21.20
<u>SPADE / FORK TERMINALS</u>				<u>per 100</u>			
19	1S5A	PRE INS FORK 1S5A RED	91.90	<u>SPADE / FORK TERMINALS</u>			
20	1S4A	PRE INS FORK 1S4A RED	91.80	70	1S35BP	NO10 1S35 FORK - BUBBLE PACK	21.20
21	1S35	PRE INS FORK 1S35 RED	101.60	71	1S4ABP	NO11 1S4A FORK RED - BUBBLE PACK	21.20
22	2S5A	PRE INS FORK 2S5A BLUE	106.80	72	2S35BP	NO12 2S35 FORK BLUE - BUBBLE PACK	21.20
23	2S4A	PRE INS FORK 2S4A BLUE	106.80	73	2S5ABP	NO13 2S5A SPADE BLUE - BUBBLE PACK	21.20
24	2S35	PRE INS FORK 2S35 BLUE	92.90	<u>PIN TERMINALS</u>			
25	3S6A	PRE INS SPADE 3S6 YELLOW	258.30	74	1P10BP	NO14 1P10 PIN RED - BUBBLE PACK	21.20
26	3S5	PRE INS SPADE 3S5 YELLOW	223.30	75	2P8BP	NO15 2P8 PIN BLUE - BUBBLE PACK	21.20
27	3S4A	PRE INS SPADE 3S4A YELLOW	223.30	<u>FERRULE / BUTT CONNECTORS</u>			
<u>PIN TERMINALS</u>				<u>per 100</u>			
28	1P10	PRE INS PIN 1P10 RED	88.00	76	1UTBP	NO16 1UT BUTT RED - BUBBLE PACK	21.20
29	2P12	PRE INS PIN 2P12 BLUE	119.90	77	2UTBP	NO17 2UT BUTT BLUE - BUBBLE PACK	21.20
30	3P13	PRE INS PIN 3P13 YELLOW	239.80	<u>MALE DISCONNECT TERMINALS</u>			
<u>HOOK BLADE TERMINALS</u>				<u>per 100</u>			
31	1HB	PRE INS HOOK 1HB RED	166.10	78	T1DMBP	NO18 T1DM MALE BLADE RED - BUBBLE PK	21.20
32	2HB	PRE INS HOOK 2HB BLUE	179.00	79	T2DMBP	NO19 T2DM MALE BLADE BLUE - BUBBLE P	21.20
33	3HB	PRE INS HOOK 3HB YELLOW	293.00	<u>FEMALE DISCONNECT TERMINALS</u>			
<u>MALE DISCONNECT TERMINALS</u>				<u>per 100</u>			
34	T1DM	PRE INS T1DM MALE SPADE RED	183.80	80	T1DFBP	NO20 T1DF RECEPTACLE RED - BUBBLE PK	21.20
35	T2DM	PRE INS T2DM MALE SPADE BLUE	183.60	81	T2DFBP	NO21 T2DF RECEPTACLE BLUE - BUBBLE P	21.20
36	T3DM	PRE INS T3DM MALE SPADE YELLOW	306.80	<u>PIGGY BACK DISCONNECT TERMINALS</u>			
<u>FEMALE DISCONNECT TERMINALS</u>				<u>per 100</u>			
37	T1DF	PRE INS T1DF FEMALE SPADE RED	207.20	82	T1PBBP	NO22 T1PB PIGGY BACK RED - BUBBLE PK	21.20
38	T2DF	PRE INS T2DF FEMALE SPADE BLUE	193.40	83	T2PBBP	NO23 T2PB PIGGY BACK BLUE - BUBBLE P	21.20
39	T3DF	PRE INS T3DF FEMALE SPADE YELLOW	333.20	<u>MALE BULLET TERMINALS</u>			
<u>PIGGY BACK DISCONNECT TERMINALS</u>				<u>per 100</u>			
40	T1PB	INSULATED PIGGY BACK T1PB RED	241.40	84	T1ULMBP	NO24 T1ULM MALE BULLET RED - BUBBLE	21.20
41	T2PB	INSULATED PIGGY BACK T2PB BLUE	258.90	85	T2ULMBP	NO25 T2ULM MALE BULLET BLUE - BUBBLE	21.20
<u>BULLET TERMINALS</u>				<u>per 100</u>			
42	T1ULM	PRE INS BULLET MALE T1ULM RED	181.20	<u>FEMALE BULLET TERMINALS</u>			
43	T2ULM	PRE INS BULLET MALE T2ULM BLUE	241.40	86	T1ULFBP	NO26 T1ULF FEMALE BULLET RED - BUBBLE	21.20
44	T1ULF	PRE INS BULLET FEMALE T1ULF RED	207.00	87	T2ULFBP	NO27 T2ULF FEMALE BULLET BLUE - BUBB	21.20
45	T2ULF	PRE INS BULLET FEMALE T2ULF BLUE	215.50	<u>BOOTLACE FERRULES</u>			
<u>BOOTLACE FERRULES</u>				<u>per 100</u>			
46	E0510WT	0.50mm WHITE INSULATED BOOTLACE FERRULE	48.50	<u>FERRULE / BUTT CONNECTORS</u>			
47	E0710BL	0.75mm BLUE INSULATED BOOTLACE FERRULE	48.50	53	1UT	PRE INS SLEEVE 1UT RED	123.10
48	E1010RD	1.00mm RED INSULATED BOOTLACE FERRULE	50.20	54	2UT	PRE INS SLEEVE 2UT BLUE	139.40
49	E1510BK	1.50mm BLACK INSULATED BOOTLACE FERRULE	50.20	55	3UT	PRE INS SLEEVE 3UT YELLOW	226.50
50	E2512GY	2.50mm GREY INSULATED BOOTLACE FERRULE	56.40				
51	E4012OR	4.00mm ORANGE INSULATED BOOTLACE FERRULE	88.90				
52	E6012GR	6.00mm GREEN INSULATED BOOTLACE FERRULE	105.90				

All Prices Exclude VAT and are subject to change without prior notice.

## TRADING TERMS AND CONDITIONS OF SALE

### 1. CREDIT

- 1.1 THE APPLICANT selects THE APPLICANT'S street address as appears on his application as domicilium citandi et executandi for all purposes hereafter and undertakes to notify THE CREDITOR forthwith in writing of any change of address.
- 1.2 Failure of the part of THE APPLICANT to object to any item appearing on THE CREDITOR'S Statement of Account within fourteen (14) days of date of despatch of such statements, shall deem the account to be in order.
- 1.3 Unless the context otherwise requires, the words importing the singular shall include the plural and vice versa, a natural person shall include an artificial person and vice versa and the one gender shall include the other gender and vice versa.
- 1.4 Signature by THE APPLICANT or by any representative of THE APPLICANT of THE CREDITOR'S delivery note, shall be regarded as acceptance by THE APPLICANT that the goods reflected in such delivery note have been properly and completely delivered.
- 1.5 Until such time as THE APPLICANT has paid the full purchase price in respect of any purchase of goods, the ownership in and to all such goods shall remain vested in THE CREDITOR. THE CREDITOR shall, in its sole discretion, without notice to THE APPLICANT, be entitled to take possession of any such goods which have not been paid for and in respect of which payment is overdue, in which event THE APPLICANT shall be entitled to a credit in respect of the goods so returned being the price at which the goods are sold or the value thereof as determined by THE CREDITOR.
- 1.6 In the event of any order being given to THE CREDITOR on an order form reflecting THE APPLICANT'S name as the entity from which the order emanates, such order shall be deemed to have emanated from THE APPLICANT, notwithstanding the fact that such order may have been given or signed by a person not authorised by THE APPLICANT and such order will be deemed to constitute valid delivery.
- 1.7 Should THE CREDITOR agree to accept return of goods THE APPLICANT warrants the good condition thereof and a 10% handling charge shall apply.
- 1.8 It is agreed that set-off shall operate automatically as a matter of Law at the moment reciprocal debts between THE CREDITOR and THE APPLICANT come into existence and independently of the will of the parties and it shall not be necessary for either THE CREDITOR or THE APPLICANT to specifically raise set-off. Upon the operation of an automatic set-off aforementioned, the debts shall be mutually extinguished to the extent of the lesser debt.
- 1.9 THE CREDITOR shall, at any time, in its sole discretion, be entitled to cede all or any of its rights in terms of this application for credit facilities and deed of suretyship to any third party, without prior notice to THE APPLICANT.
- 1.10 THE APPLICANT undertakes to notify THE CREDITOR, in writing, within seven (7) days of any change in ownership of THE APPLICANT'S business, or should THE APPLICANT be a company, any share transaction where the majority shareholding is affected, failing which notice the entire balance owing, whether due or not, will immediately be deemed to be due and payable by THE APPLICANT. In addition to the foregoing, THE APPLICANT acknowledges that immediately upon any change of ownership in THE APPLICANT any outstanding amount whether due or not shall be deemed to be forthwith payable by THE APPLICANT to THE CREDITOR.
- 1.11 Should THE APPLICANT at any time be wound up, whether provisionally or finally, (which liquidation or sequestration shall be deemed to be a material breach by THE APPLICANT) or in the event of THE APPLICANT being an individual or partnership and having his/its estate sequestered, whether provisionally or finally, any goods delivered by THE CREDITOR to THE APPLICANT and in respect of which payment has not been made at the date of winding up or sequestration (whether payment in respect thereof be due or not) shall immediately be returned to and recoverable by THE CREDITOR and the agreement pursuant to which such goods were sold shall be deemed to have been cancelled in respect of the goods so returnable / recoverable.
- 1.12 THE APPLICANT acknowledges that in the event of it being a proprietorship, partnership, a company or a close corporation and converting from a proprietorship, partnership, or company to a close corporation or from a proprietorship, partnership or a close corporation to a company at any time hereafter, as the case may be, any surety / signatory in terms of this application for credit shall nevertheless still remain bound as a surety.

### 2. PRICE VARIATIONS

- 2.1 Prices are "exclusive" of VAT.
- 2.2 Prices are based on the cost to THE CREDITOR of material, labour, transport, customs, excise of other duties, landing charges, if any, insurance and the rates of exchange ruling at the date of the sale. In the event of there being any increase which affects any such costs prior to delivery, the prices will be subject to variation proportionally and without prior notice, at the discretion of THE CREDITOR.

### 3. RISK AND WARRANTY

- 3.1 Goods to be dispatched to THE APPLICANT by rail or other carriers shall be at THE APPLICANT'S risk from the time delivery is made by THE CREDITOR to the carrier, whether of not such railage or other charge is paid by THE CREDITOR.
- 3.2 Claims for shortages or damages must be notified in writing within 48 hours after delivery of goods, failing which no claim will be recognised.
- 3.3 THE CREDITOR will repair or at its discretion replace, at point of original delivery, any goods sold which are proved within twelve months from delivery, not to conform to specification or to be defective due to faulty workmanship or materials. Save as aforesaid no warranty, guarantee or representation of any nature is given or implied by THE CREDITOR and any other warranty, guarantee or representation is expressly excluded. Under no circumstances shall THE CREDITOR be responsible for loss of THE APPLICANT'S profit or for any consequential or indirect or any other damages of any nature whatsoever and from whatever cause arising.

### 4. DELAY IN OR IMPOSSIBILITY OF PERFORMANCE

- 4.1 Unless expressly stated in writing, time shall not be of the essence of any contract.
- 4.2 THE CREDITOR will not be in any way responsible for losses, damages or delays caused by or arising from vis - a major, casus fortuitus or acts of the State's enemies, riots, lockouts, cessation of labour, transport delays, shortened hours of labour, accidents of any kind, insurrection, war, whether declared or not, the imposition of any trade boycotts or sanctions or trade restrictions by any government, authority, company or organisation or person or persons, whether within the Republic of South Africa or anywhere else, or any other cause or contingency whatsoever beyond the control of THE CREDITOR whether eiusdem generis with the causes aforementioned or not, and in the event of THE CREDITOR being prevented by reason of any cause or causes or by any circumstances attributable thereto from fulfilling or making any deliveries or rendering any services in terms of the contract THE CREDITOR shall be entitled to terminate the contract and to obtain payment in respect of deliveries already made and / or services already performed prior to date of such termination. In the event of THE CREDITOR not electing to terminate the contract as aforesaid, THE APPLICANT shall accept delivery when delivery is tendered and shall not be entitled to resile from the contract on account of delay on the part of THE CREDITOR nor shall any claim for damages of any nature whatsoever and from whatsoever cause arising lie against THE CREDITOR in respect of such delay.
- 4.3 If the execution of a contract is delayed by THE APPLICANT or THE CREDITOR agrees to its cancellation, THE CREDITOR shall, without prejudice and additional to any other rights in law, be entitled to any expenses, cost, loss, injury or damage suffered

### 5. APPLICABILITY AND VARIATION

- 5.1 Any condonation of any breach of any of the provisions hereof or other act or relaxation, indulgence or grace on the part of THE CREDITOR shall not in any way operate as or be deemed to be a waiver by THE CREDITOR of any rights under this contract, or be construed as a novation thereof.
- 5.2 Each clause of these conditions of sale is severable, the one from the other and if any one or more clauses are found to be invalid or unenforceable, that clause / clauses shall not affect the balance of these conditions of sale, which shall remain of full force and effect.
- 5.3 THE APPLICANT acknowledges that no terms at variance with the terms and conditions of this application for credit and which have been sought to be introduced by THE APPLICANT at any time shall be of any force or effect unless THE CREDITOR has, in writing, expressly and unambiguously agreed that the terms so sought to be introduced by THE APPLICANT shall apply. Without derogating from the generality of the foregoing, THE CREDITOR shall not be regarded as having so expressly agreed by virtue merely of THE CREDITOR having agreed to execute an order in which inconsistent terms have been introduced by THE APPLICANT and notwithstanding that THE CREDITOR has not rejected such inconsistent terms.