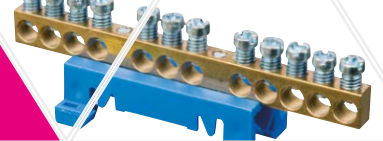


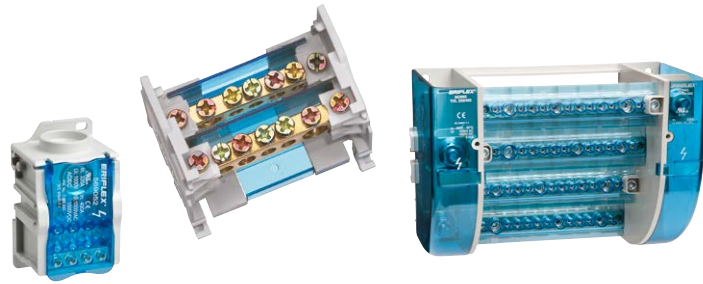
ilecsys



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& Protection**

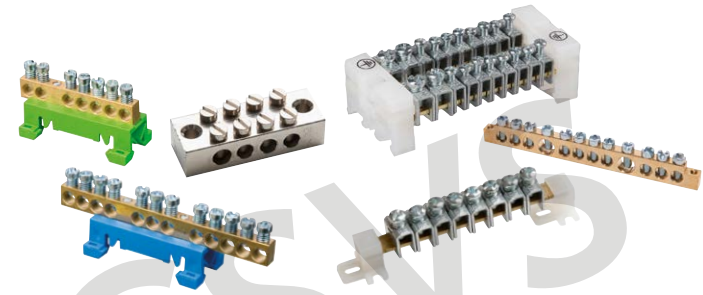
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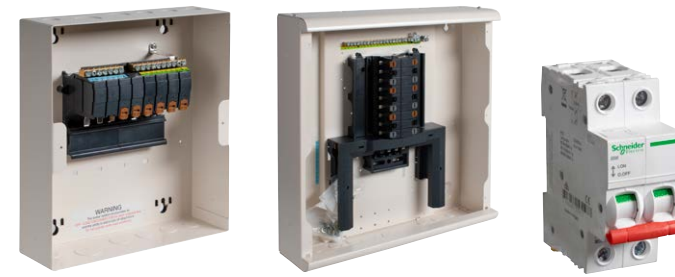
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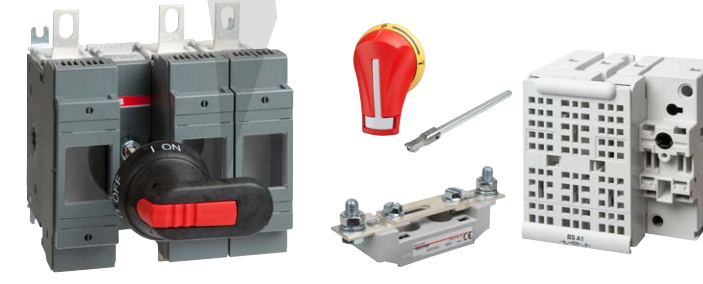
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Four Pole Distribution Block - TDL

The 400A 4 Pole TDL distribution block is a versatile block which can take power from the Erico flexibar 20 -24mm wide or cable with a copper tube terminal with a 10mm hole. The width of the terminal cannot exceed 27mm.

Mounts onto DIN Rail or screws directly to the panel

Tested and certified according to IEC 60947-7-1 Ui = 1000V

UL94V-0 and Halogen Free

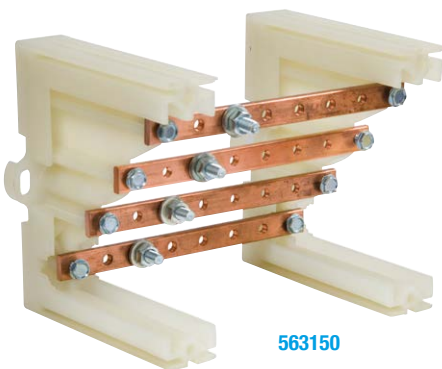
REF NO	Type	Description	PRICE
563995	TDL250-400A	Input Capacity: 1 x 35 - 120mm ² Cable or Flexibar 20 - 24mm wide Output Capacity: 14 Connections/Pole 1 x 10 - 35mm ² , 2 x 10 - 25mm ² 4 x 6 - 16mm ² , 7 x 2.5 - 10mm ² 121mmH x 224mmW x 156mmD	92.57



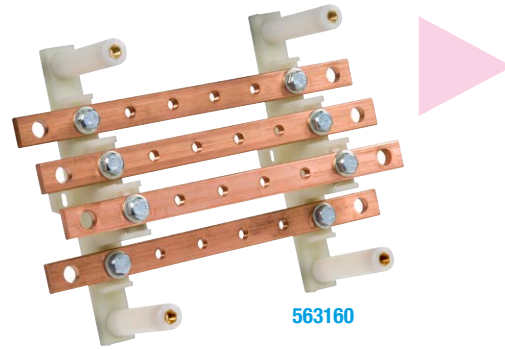
563995

Four Pole Distribution Block - 125A

REF NO	Type	Description	PRICE
563150	TR125A	Four 12 x 4mm Threaded Bars Five M5 Tappings per phase ICC rms kA 1s = 20; Ui = 1000V 126mmH x 150mmW x 117mmD Supplied with Transparent Cover	70.01



563150



563160

Four Pole Distribution Block - 160A & 250A

REF NO	Type	Description	PRICE
563160	TRS160A	Four 15 x 5mm Threaded Bars Six M6 Tappings per phase ICC rms kA 1s = 17; Ui = 630V 150mmH x 230mmW x 70mmD Supplied with Transparent Cover	88.77
563170	TR250A	Four 20 x 5mm Threaded Bars Four M6 Tappings per phase ICC rms kA 1s = 17; Ui = 630V 150mmH x 230mmW x 78mmD Supplied with Transparent Cover	89.55

Four Pole Distribution Block - 630A

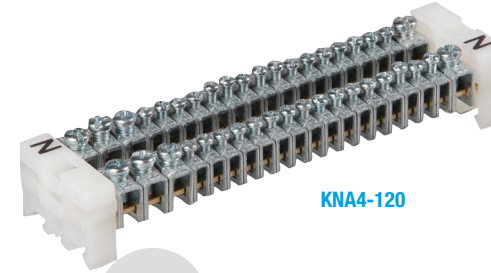
REF NO	Type	Description	PRICE
563190	TRC630A	Four 30 x 10mm Threaded Bars Eight M8 Tappings per phase ICC rms kA 1s = 46; Ui = 1000V 390mmH x 260mmW x 50mmD Supplied with Transparent Cover	160.40



563190

Clampo Assembled Neutral Busbars

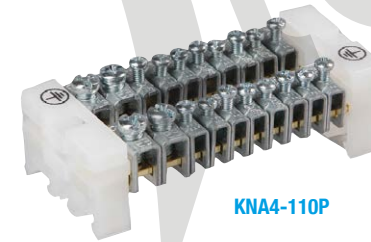
REF NO	Description	PRICE
KNA4-108	N-N Busbar 2x (1x16mm ² + 7 x 6mm ²)	6.97
KNA4-114	N-N Busbar 2x (1x16mm ² + 12 x 6mm ²)	10.58
KNA4-120	N-N Busbar 2x (4x16mm ² + 16 x 6mm ²)	12.48
KN4-106	N-N Busbar 2x (6x16mm ²)	6.32
KN4-110	N-N Busbar 2x (10x16mm ²)	9.32



KNA4-120

Clampo Assembled Earth Busbars - 500V

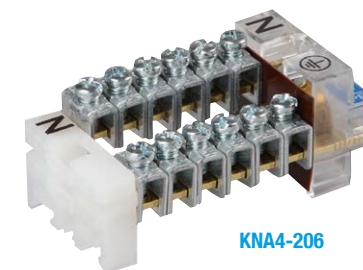
REF NO	Description	PRICE
KNA4-108P	PE Busbar 2x (1x16mm ² + 7 x 6mm ²)	6.97
KNA4-114P	PE Busbar 2x (1x16mm ² + 12 x 6mm ²)	10.58
KNA4-120P	PE Busbar 2x (4x16mm ² + 16 x 6mm ²)	12.48



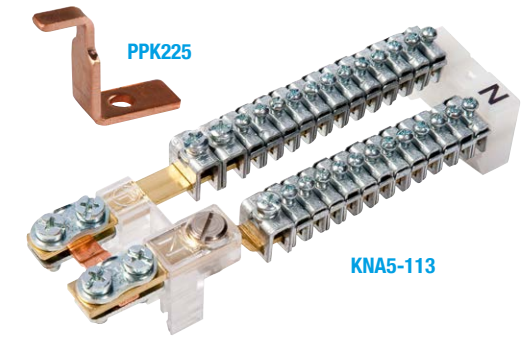
KNA4-110P

Clampo Assembled Earth/Neutral Busbars

REF NO	Description	PRICE
KN4-206	N-PE Busbar 2x (6x16mm ²)	9.58
KN4-210	N-PE Busbar 2x (10x16mm ²)	12.35



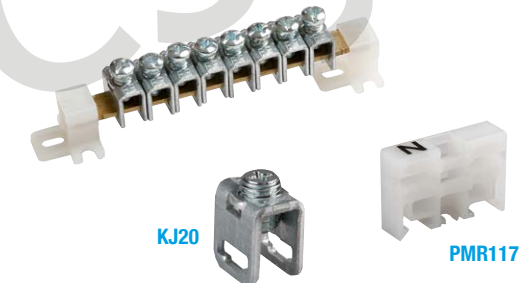
KNA4-206



KNA5-113

Clampo Assembled Earth/Neutral Busbars

REF NO	Description	PRICE
KNA5-113	N-PE Busbar N - 1x 16mm ² + 12 x 6mm ² PE - 2x 16mm ² + 12 x 6mm ²	21.71
KNA5-120	N-PE Busbar N - 1x 16mm ² + 19 x 6mm ² PE - 2x 16mm ² + 19 x 6mm ²	27.77
PPK225	Earth Connection Lug	1.87



KJ20

PMR117

Busbar, Busbar Supports & Terminal Clamps

REF NO	Description	PRICE
PMR1427	Single Busbar Support - Screw Mount	0.45
PMR117.1	Double Busbar Support Screw or Rail Mount with ⊕ Symbol	0.52
PMR117	Double Busbar Support Screw or Rail Mount with N Symbol	0.52
PSK20-064	10 x 3mm Pre-cut Busbar - 63mm	0.42
PSK20-100	10 x 3mm Pre-cut Busbar - 100mm	0.71
PSK20-175	10 x 3mm Pre-cut Busbar - 175mm	1.26
PSK152	10 x 3mm - 1 Metre long	6.87
KJ25-1	Clamp Terminal 1 - 6mm ² - 33A	0.23
KJ18-1	Clamp Terminal 1.5 - 16mm ² - 82A	0.23
KJ20	Clamp Terminal 2.5 - 35mm ² - 135A	0.68

ERICO offer the widest range of flexibar on the market including the popular standard version and also Halogen Free and Silicone versions.

Manufactured from multiple layers of thin electrolytic copper with a high resistant, self extinguishing UL94 V0 PVC insulation.

Working temperature is -25°C to + 105°C and the nominal voltage is 1000VAC/1500VDC. Dielectric strength is 20kV/mm. Conforms to IEC60439-1.

On average flexibar can offer a space saving of over 40% when compared to using cable and can offer time saving as the cost and installation of lugs is eliminated.



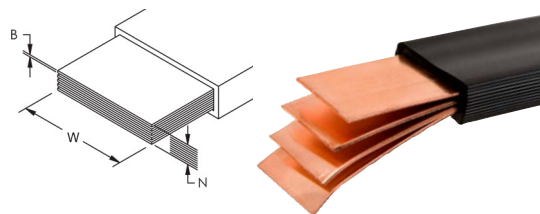
Eriflex® Standard Flexibar

REF NO	N	x	W	x	B	Current A	Cross Section	Lgths /Pk
552540	10	x	20	x	1	645	200mm ²	5
552600	8	x	24	x	1	678	192mm ²	5
552650	5	x	32	x	1	640	160mm ²	5
552660	6	x	32	x	1	715	192mm ²	5
552720	5	x	40	x	1	760	200mm ²	5
552770	4	x	50	x	1	727	200mm ²	5
552820	3	x	63	x	1	675	189mm ²	2
552610	10	x	24	x	1	800	240mm ²	5
552670	8	x	32	x	1	860	256mm ²	5
552730	6	x	40	x	1	860	240mm ²	5
552780	5	x	50	x	1	930	250mm ²	5
552830	4	x	63	x	1	855	252mm ²	2
552880	3	x	80	x	1	827	240mm ²	2
552680	10	x	32	x	1	1040	320mm ²	5
552740	8	x	40	x	1	1040	320mm ²	5
552750	10	x	40	x	1	1181	400mm ²	5
552790	6	x	50	x	1	1035	300mm ²	2
552800	8	x	50	x	1	1175	400mm ²	2
552840	5	x	63	x	1	1030	315mm ²	2
552850	6	x	63	x	1	1215	378mm ²	2
552890	4	x	80	x	1	1015	320mm ²	2
552900	5	x	80	x	1	1175	400mm ²	2
552940	4	x	100	x	1	1225	400mm ²	2
552810	10	x	50	x	1	1395	500mm ²	2
552860	8	x	63	x	1	1395	504mm ²	2
552910	6	x	80	x	1	1375	480mm ²	2
552950	5	x	100	x	1	1385	500mm ²	2
552960	6	x	100	x	1	1550	600mm ²	2
552870	10	x	63	x	1	1600	630mm ²	2
552920	8	x	80	x	1	1600	640mm ²	2
552930	10	x	80	x	1	1775	800mm ²	2
552970	8	x	100	x	1	1815	800mm ²	2
552980	10	x	100	x	1	1985	1000mm ²	2
552990	12	x	100	x	1	2115	1200mm ²	2
538650	10	x	120	x	1	2330	1200mm ²	2

Eriflex® Standard Flexibar

REF NO	N	x	W	x	B	Current A	Cross Section	Lgths /Pk
552400	8	x	6	x	0.5	166	24mm ²	10
552410	3	x	9	x	0.8	134	21.6mm ²	10
552420	6	x	9	x	0.8	245	43.2mm ²	10
552440	3	x	13	x	0.5	167	19.5mm ²	10
552390	2	x	15.5	x	0.8	212	24.8mm ²	10
552430	9	x	9	x	0.8	265	64.8mm ²	10
552450	6	x	13	x	0.5	253	39mm ²	10
552460	4	x	15.5	x	0.8	320	49.6mm ²	10
552490	2	x	20	x	1	275	40mm ²	5
552500	3	x	20	x	1	360	60mm ²	5
552550	2	x	24	x	1	380	48mm ²	5
552470	6	x	15.5	x	0.8	402	74.4mm ²	10
552480	10	x	15.5	x	0.8	455	124mm ²	10
552510	4	x	20	x	1	402	80mm ²	5
552520	5	x	20	x	1	420	100mm ²	5
552530	6	x	20	x	1	462	120mm ²	5
552560	3	x	24	x	1	413	72mm ²	5
552570	4	x	24	x	1	465	96mm ²	5
552620	2	x	32	x	1	406	64mm ²	5
552630	3	x	32	x	1	480	96mm ²	5
552690	2	x	40	x	1	455	80mm ²	5
552580	5	x	24	x	1	514	120mm ²	5
552590	6	x	24	x	1	566	144mm ²	5
552640	4	x	32	x	1	548	128mm ²	5
552700	3	x	40	x	1	522	120mm ²	5
552710	4	x	40	x	1	615	160mm ²	5
552760	3	x	50	x	1	592	150mm ²	5

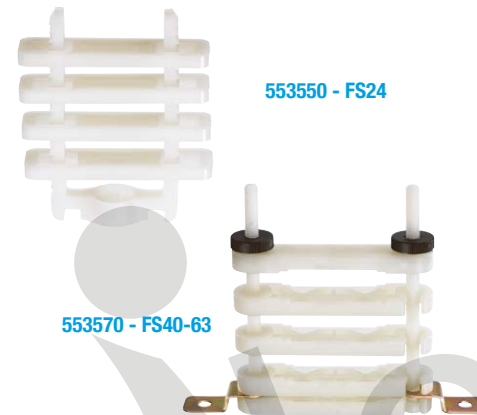
May be subject to minimum pack quantity



FS Flexibar Supports

The spacer clamps help ensure correct support for the Eriflex® Flexibar. They also ensure the correct spacing of up to 4 bars for optimum cooling.

REF NO	Type	Description	PRICE
553550	FS24	For Flexibar up to 24mm wide	1.96
553560	FS32	For Flexibar up to 32mm wide	2.18
553570	FS40-63	For Flexibar 40, 50 & 63mm wide	9.83
553580	FS80-100	For Flexibar 80 & 100mm wide	21.22



RFS Flexibar Supports

This reinforced Flexibar support allows up to 8 x bars in parallel. 400mm recommended distance between supports

REF NO	Type	Description	PRICE
553370	RFS40-63	Reinforced support for bar 40mm & 63mm wide	61.45
553380	RFS80-100	Reinforced support for bar 80mm & 100mm wide	74.79



The current ratings shown for Flexibar will give a 50°C rise above ambient temperature. Certain sizes are also available in 3M lengths Customised Flexibar is also available.

Advanced Insulated Braided Conductors are a ready-to-install flexible wire replacement solution.

The Insulation is a high-resistance low smoke, halogen-free and flame retardant thermoplastic.

Certified to UL94 V0 with a maximum working temperature of 115°C. Dielectric strength is 20kV/mm and maximum working voltage is 1000VAC/1500VDC.



Advanced Insulated Braided Shunts

REF NO	Size (mm)				Hole Dia (mm)	PRICE	
	L	x	W	x			D
IBSBADV25 - 25mm² - 125 Amps							
534400	230	x	18	x	9	6.5mm Both Ends	6.09
534401	330	x	18	x	9	6.5mm Both Ends	7.20
534402	430	x	18	x	9	6.5mm Both Ends	8.83
534403	530	x	18	x	9	6.5mm Both Ends	10.06
534404	630	x	18	x	9	6.5mm Both Ends	11.31
534405	830	x	18	x	9	6.5mm Both Ends	14.76
534406	1030	x	18	x	9	6.5mm Both Ends	17.16
IBSBADV50 - 50mm² - 250 Amps							
534407	230	x	27	x	9	1 x 8.5; 1 x 10.5mm	8.93
534408	330	x	27	x	9	1 x 8.5; 1 x 10.5mm	10.94
534409	430	x	27	x	9	1 x 8.5; 1 x 10.5mm	13.01
534410	530	x	27	x	9	1 x 8.5; 1 x 10.5mm	14.83
534411	630	x	27	x	9	1 x 8.5; 1 x 10.5mm	17.13
534412	830	x	27	x	9	1 x 8.5; 1 x 10.5mm	22.28
534413	1030	x	27	x	9	1 x 8.5; 1 x 10.5mm	26.81
IBSBADV70 - 70mm² - 300 Amps							
534414	230	x	27	x	11	1 x 8.5; 1 x 10.5mm	12.32
534415	330	x	27	x	11	1 x 8.5; 1 x 10.5mm	15.44
534416	430	x	27	x	11	1 x 8.5; 1 x 10.5mm	18.22
534417	530	x	27	x	11	1 x 8.5; 1 x 10.5mm	20.91
534418	630	x	27	x	11	1 x 8.5; 1 x 10.5mm	24.72
534419	830	x	27	x	11	1 x 8.5; 1 x 10.5mm	31.65
534420	1030	x	27	x	11	1 x 8.5; 1 x 10.5mm	40.52
IBSBADV100 - 100mm² - 350 Amps							
534421	230	x	31	x	13	1 x 8.5; 1 x 10.5mm	19.21
534422	330	x	31	x	13	1 x 8.5; 1 x 10.5mm	24.90
534423	430	x	31	x	13	1 x 8.5; 1 x 10.5mm	27.28
534424	530	x	31	x	13	1 x 8.5; 1 x 10.5mm	30.27
534425	630	x	31	x	13	1 x 8.5; 1 x 10.5mm	33.37
534426	830	x	31	x	13	1 x 8.5; 1 x 10.5mm	42.12
534427	1030	x	31	x	13	1 x 8.5; 1 x 10.5mm	53.91

ERICO offer the widest range of flexibar on the market including the popular standard version and also Halogen Free and Silicone versions.

Manufactured from multiple layers of thin electrolytic copper with a high resistant, self extinguishing UL94V-0 PVC insulation.

Working temperature is -50°C to + 115°C and the nominal voltage is 1000VAC/1500VDC. Dielectric strength is 20kV/mm. Conforms to IEC60439-1.

On average flexibar can offer a space saving of over 40% when compared to using cable and can offer time saving as the cost and installation of lugs is eliminated.

Eriflex® Advanced Flexibar

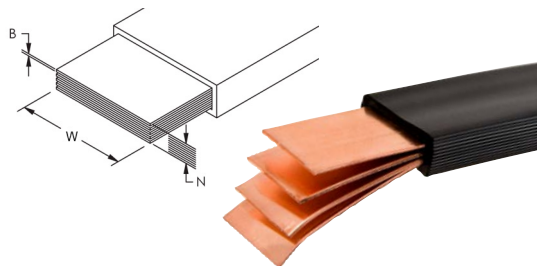
REF NO	N	x	W	x	B	Current A	Cross Section	Lgths /Pk
125A +								
534000	8	x	6	x	0.5	166	24mm ²	10
534001	3	x	9	x	0.8	134	21.6mm ²	10
534002	6	x	9	x	0.8	245	43.2mm ²	10
534004	3	x	13	x	0.5	167	19.5mm ²	10
534006	2	x	15.5	x	0.8	212	24.8mm ²	10
250A +								
534003	9	x	9	x	0.8	265	64.8mm ²	10
534005	6	x	13	x	0.5	253	39mm ²	10
534007	4	x	15.5	x	0.8	320	49.6mm ²	10
534010	2	x	20	x	1	275	40mm ²	5
534011	3	x	20	x	1	360	60mm ²	5
534016	2	x	24	x	1	380	48mm ²	5
400A +								
534008	6	x	15.5	x	0.8	402	74.4mm ²	10
534009	10	x	15.5	x	0.8	455	124mm ²	10
534012	4	x	20	x	1	402	80mm ²	5
534013	5	x	20	x	1	420	100mm ²	5
534014	6	x	20	x	1	462	120mm ²	5
534017	3	x	24	x	1	413	72mm ²	5
534018	4	x	24	x	1	465	96mm ²	5
534023	2	x	32	x	1	406	64mm ²	5
534024	3	x	32	x	1	480	96mm ²	5
534030	2	x	40	x	1	455	80mm ²	5
500A +								
534019	5	x	24	x	1	514	120mm ²	5
534020	6	x	24	x	1	566	144mm ²	5
534025	4	x	32	x	1	548	128mm ²	5
534031	3	x	40	x	1	522	120mm ²	5
534032	4	x	40	x	1	615	160mm ²	5
534037	3	x	50	x	1	592	150mm ²	5
630A +								
534015	10	x	20	x	1	645	200mm ²	5
534021	8	x	24	x	1	678	192mm ²	5
534026	5	x	32	x	1	640	160mm ²	5
534027	6	x	32	x	1	715	192mm ²	5
534033	5	x	40	x	1	760	200mm ²	5
534038	4	x	50	x	1	727	200mm ²	5



Eriflex® Advanced Flexibar

REF NO	N	x	W	x	B	Current A	Cross Section	Lgths /Pk
800A +								
534022	10	x	24	x	1	800	240mm ²	5
534028	8	x	32	x	1	860	256mm ²	5
534034	6	x	40	x	1	860	240mm ²	5
534039	5	x	50	x	1	930	250mm ²	5
534044	4	x	63	x	1	855	252mm ²	2
1000A +								
534029	10	x	32	x	1	1040	320mm ²	5
534035	8	x	40	x	1	1040	320mm ²	5
534036	10	x	40	x	1	1181	400mm ²	5
534040	6	x	50	x	1	1035	300mm ²	2
534041	8	x	50	x	1	1175	400mm ²	2
534045	5	x	63	x	1	1030	315mm ²	2
534046	6	x	63	x	1	1215	378mm ²	2
534049	4	x	80	x	1	1015	320mm ²	2
534050	5	x	80	x	1	1175	400mm ²	2
1250A +								
534042	10	x	50	x	1	1395	500mm ²	2
534047	8	x	63	x	1	1395	504mm ²	2
534051	6	x	80	x	1	1375	480mm ²	2
534055	5	x	100	x	1	1385	500mm ²	2
534056	6	x	100	x	1	1550	600mm ²	2
1600A +								
534048	10	x	63	x	1	1600	630mm ²	2
534052	8	x	80	x	1	1600	640mm ²	2
534053	10	x	80	x	1	1775	800mm ²	2
534057	8	x	100	x	1	1815	800mm ²	2
534058	10	x	100	x	1	1985	1000mm ²	2
534059	12	x	100	x	1	2115	1200mm ²	2
534060	10	x	120	x	1	2330	1200mm ²	2

May be subject to minimum pack quantity



Earth Braids with Integral Palms

REF NO	Size (mm)	Current A	Section mm ²	Hole Dia (mm)	PRICE
556600	150 x 13	45	6	6.5	2.25
556930	200 x 15	75	10	6.5	2.78
556630	150 x 15	120	16	8.5	4.08
556640	200 x 15	120	16	8.5	4.43
556650	250 x 15	120	16	8.5	4.53
556660	300 x 15	120	16	8.5	4.85
556940	500 x 15	120	16	8.5	6.36
556680	150 x 23	150	25	10.5	4.47
556690	200 x 23	150	25	10.5	5.34
556710	300 x 23	150	25	10.5	6.21
556950	500 x 23	150	25	10.5	9.38
556780	150 x 23	197	35	10.5	5.98
556790	200 x 23	197	35	10.5	6.89
556810	300 x 23	197	35	10.5	8.30
556970	500 x 23	197	35	10.5	11.19
556830	150 x 28	250	50	10.5	7.42
556840	200 x 28	250	50	10.5	8.25
556860	300 x 28	250	50	10.5	10.04
556980	500 x 28	250	50	10.5	16.28
563460	300 x 28	290	70	10.5	16.08
563490	500 x 28	290	70	10.5	22.48
563500	250 x 50	349	100	16.5	23.86
563520	500 x 50	349	100	16.5	35.98



ERICO Grounding and Bonding Braids are a reliable and convenient ground solution for applications that require flexibility and durability.

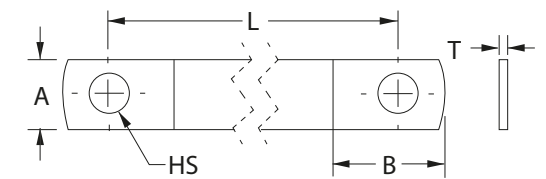
MBJYG braids are made with tinned copper ground braids and solid palms that are ready to install without any additional cutting, stripping, crimping or punching.

Working temperature is -55°C to + 125°C Conforms to IEC61439-1.

MBJYG braids provide weight and material savings when compared to similar lugged cables with insulation.

Eriflex® Grounding & Bonding Braid

REF NO	A	B	L	Thickness T (mm)	Hole Size HS (mm)	Cross Section	Lgths /Pk	PRICE /Each
40A								
563601	11	18	100	1.1	6.5	6mm ²	10	3.27
563602	11	18	150	1.1	6.5	6mm ²	10	3.81
563603	11	18	200	1.1	6.5	6mm ²	10	4.50
563604	11	18	250	1.1	6.5	6mm ²	10	5.08
563605	11	18	300	1.1	6.5	6mm ²	10	5.60
40A								
563606	11	18	100	1.1	6.5	10mm ²	10	3.27
563607	11	18	150	1.1	6.5	10mm ²	10	3.85
563608	11	18	200	1.1	6.5	10mm ²	10	4.55
563609	11	18	250	1.1	6.5	10mm ²	10	5.13
563611	11	18	300	1.1	6.5	10mm ²	10	5.67
120A								
563612	15	20	100	1.5	8.5	16mm ²	10	4.66
563613	15	20	150	1.5	8.5	16mm ²	10	5.28
563614	15	20	200	1.5	8.5	16mm ²	10	5.70
563615	15	20	250	1.5	8.5	16mm ²	10	6.41
563616	15	20	300	1.5	8.5	16mm ²	10	7.12
150A								
563617	22	28	100	1.5	8.5	25mm ²	10	5.23
563618	22	28	150	1.5	8.5	25mm ²	10	5.77
563619	22	28	200	1.5	8.5	25mm ²	10	6.89
563621	22	28	250	1.5	8.5	25mm ²	10	7.51
563622	22	28	300	1.5	8.5	25mm ²	10	7.98



Plain Copper Bar & Supports

Copper bar is available in 2 metre lengths.

Current rating is based upon an ambient temperature of 30°C and conductor temperature rising 40°C.



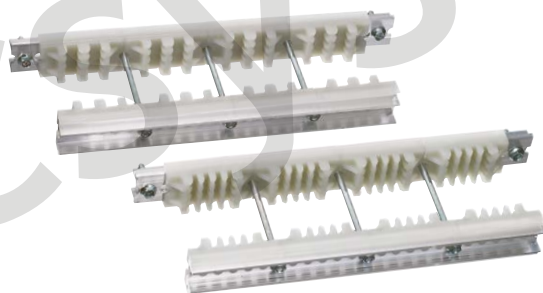
Plain Copper Bar - Metric Sizes

REF NO	Width (mm)	Depth (mm)	Current Rating (A)
C101/20x5	20	5	307
C101/25x5	25	5	370
C101/30x5	30	5	429
C101/40x5	40	5	547
C101/50x5	50	5	755
C101/60x5	60	5	798
C101/63x5	63	5	806
C101/80x5	80	5	994
C101/100x5	100	5	1197
C101/125x5	125	5	1449
<hr/>			
C101/20x10	20	10	460
C101/25x10	25	10	555
C101/30x10	30	10	640
C101/40x10	40	10	806
C101/50x10	50	10	963
C101/60x10	60	10	1180
C101/63x10	63	10	1270
C101/80x10	80	10	1396
C101/100x10	100	10	1650
C101/125x10	125	10	2004

Plain copper bar is supplied in 2 Metre lengths. We can cut and/or drill copper bar to your requirements. Please call for a current quotation.

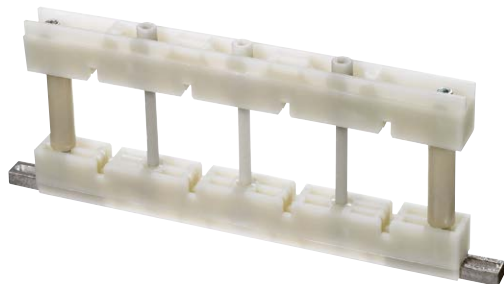
Compact Adjustable Busbar Supports

REF NO	Description	PRICE
549310	CABS 4/5 TN400. Use 1 to 4 bars in each section Sections spaced at 75mm For bars 30 - 125mm wide x 5mm deep. Overall length - 350mm inc. fixings	32.89
549320	CABS 2/10 TN400. Use 1 to 2 bars in each section Sections spaced at 75mm For bars 30 - 120mm wide x 10mm deep. Overall length - 350mm inc. fixings	41.47
549260	CABS 4/5 TN600. Use 1 to 4 bars in each section Adjustable section spacing 75 - 125mm For bars 30 - 125mm wide x 5mm deep. Overall length - 550mm inc. fixings	40.75
549270	CABS 2/10 TN600. Use 1 to 2 bars in each section Adjustable section spacing 75 - 125mm For bars 30 - 120mm wide x 10mm deep. Overall length - 550mm inc. fixings	52.15



Mechanically Reinforced ASTA Tested Supports

REF NO	Description	PRICE
552050	RCBS1/6 TN. Use with bars 25 - 80mm wide x 6mm deep 1 bar per phase ASTA tested 50kA, 50 x 6mm, 300mm 65mm spacing between phases Overall length - 390mm including fixings	39.19
552070	RCBS1/6 TN. Use with bars 50 - 80mm wide x 10mm deep 1 bar per phase ASTA tested 50kA, 50 x 10mm, 250mm 65mm spacing between phases Overall length - 390mm including fixings	39.19



Threaded Copper Bar

Erico manufacture a range of threaded bar primarily used for earthing. Manufactured from electrolytic copper the bars have rounded corners and are available in a variety of sizes and lengths.

The bars have admissible current ratings.



Threaded Copper Earthing Bar - 1 Metre Long - TCB

REF NO	Description	PRICE
550200	12mmW x 4mmD x 1000mmL M5 threaded holes at 18mm pitch Working Temperature Nominal Rating 212A at 85°C; 160A at 65°C	POA
549200	18mmW x 4mmD x 1000mmL M8 threaded holes at 20mm pitch Working Temperature Nominal Rating 241A at 85°C; 183A at 65°C	POA
549210	25mmW x 4mmD x 1000mm L M6 threaded holes at 20mm pitch Working Temperature Nominal Rating 380A at 85°C; 288A at 65°C	POA
549220	12mmW x 5mmD x 1000mm L M5 threaded holes at 18mm pitch Working Temperature Nominal Rating 241A at 85°C; 183A at 65°C	POA
550210	15mmW x 5mmD x 1000mmL M6 threaded holes at 25mm pitch Working Temperature Nominal Rating 289A at 85°C; 218A at 65°C	POA
550220	20mmW x 5mmD x 1000mmL M6 threaded holes at 25mm pitch Working Temperature Nominal Rating 363A at 85°C; 274A at 65°C	POA
550230	32mmW x 5mmD x 1000mmL M6 threaded holes at 25mm pitch Working Temperature Nominal Rating 530A at 85°C; 400A at 65°C	POA
550290	20mmW x 10mmD x 1000mmL M10 threaded holes at 25mm pitch Working Temperature Nominal Rating 564A at 85°C; 427A at 65°C	POA
550180	30mmW x 10mmD x 1000mmL M10 threaded holes at 25mm pitch Working Temperature Nominal Rating 756A at 85°C; 573A at 65°C	POA

Due to Copper fluctuation, prices are subject to regular changes.

Please contact us or visit our website www.ilecsys.co.uk for up to date pricing.

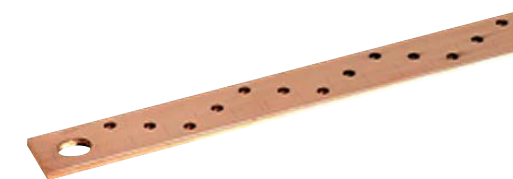
Threaded Copper Earthing Bar - 2 Metres Long - TCB

REF NO	Description	PRICE
550190	12mmW x 4mmD x 2000mmL M5 threaded holes at 18mm pitch Working Temperature Nominal Rating 212A at 85°C; 160A at 65°C	POA
549000	15mmW x 5mmD x 2000mmL M6 threaded holes at 17.5mm pitch Working Temperature Nominal Rating 289A at 85°C; 218A at 65°C	POA
549010	20mmW x 5mmD x 2000mmL M6 threaded holes at 25mm pitch Working Temperature Nominal Rating 363A at 85°C; 274A at 65°C	POA
549020	30mmW x 5mmD x 2000mmL M6 threaded holes at 25mm pitch Working Temperature Nominal Rating 502A at 85°C; 379A at 65°C	POA
550160	30mmW x 10mmD x 2000mmL M10 threaded holes at 25mm pitch Working Temperature Nominal Rating 756A at 85°C; 573A at 65°C	POA



Threaded Copper Earthing Bar - 2 Metres Long - TCBW

REF NO	Description	PRICE
549030	32mmW x 5mmD x 2000mmL M6 threaded holes at 18mm pitch Working Temperature Nominal Rating 530A at 85°C; 400A at 65°C	POA



The Erico low voltage insulators are manufactured from self extinguishing UL94 V0 polyamide material reinforced with glass fibre. They have a working temperature of -40°C to 130°C and are Halogen free.

The maximum working voltage for the whole range is 1000VAC/1500VDC apart from the smallest insulator 548400 for which the maximum working voltage is 500VAC/500VDC.

The insulators comply with IEC60439-1 and are UL recognised E125470.

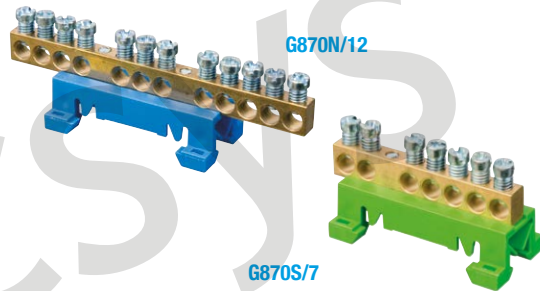


ISO-TP Low Voltage Insulators

REF NO	Type	Diameter (mm)	Height (mm)	Thread	PRICE
548400	ISO15M4	12	15	M4	1.49
548410	ISO20M4	15	20	M4	1.61
548420	ISO20M6	15	20	M6	1.61
548700	ISO25M5	18	25	M5	1.82
548430	ISO25M6	18	25	M6	1.95
548440	ISO30M6	26	30	M6	2.98
548450	ISO30M8	26	30	M8	2.98
548470	ISO35M6L	34	35	M6	3.30
548480	ISO35M8	34	35	M8	3.88
548490	ISO35M10	34	35	M10	3.88
548500	ISO40M6	40	40	M6	4.44
548510	ISO40M8	40	40	M8	4.67
548520	ISO40M10	40	40	M10	4.67
548530	ISO45M6	34	45	M6	4.67
548540	ISO45M8	34	45	M8	4.67
548550	ISO45M8L	41	45	M8	5.35
548560	ISO45M10	41	45	M10	5.57
548570	ISO50M6	41	50	M6	6.02
548580	ISO50M8	41	50	M8	6.26
548590	ISO50M10	41	50	M10	6.26
548600	ISO60M8	44	60	M8	7.40
548610	ISO60M10	44	60	M10	7.40
548620	ISO70M12	52	70	M12	12.37
548630	ISO70M16	52	70	M16	12.48
548640	ISO75M12	51	75	M12	12.48
548650	ISO75M16	51	75	M16	13.60
548660	ISO80M12	52	80	M12	17.83
548670	ISO80M16	52	80	M16	18.26
548680	ISO100M12	46	100	M12	19.51
548690	ISO100M16	46	100	M16	20.43

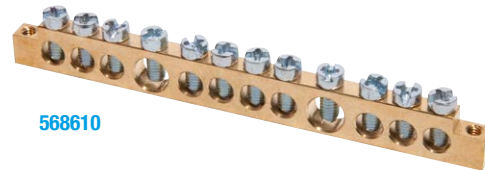
Earthing/Neutral Blocks for DIN Rail

REF NO	Description	PRICE
G870N/7	Brass neutral bar on blue DIN rail clip 7 x 10mm ² 63A	1.90
G870N/12	Brass neutral bar on blue DIN rail clip 12 x 10mm ² 63A	2.68
G870N/12-16	Brass neutral bar on blue DIN rail clip 12 x 16mm ² 80A	3.94
G870S/7	Brass earthing bar on green DIN rail clip 7 x 10mm ² 63A	1.90
G870S/12	Brass earthing bar on green DIN rail clip 12 x 10mm ² 63A	2.68
G870S/12-16	Brass earthing bar on green DIN rail clip 12 x 16mm ² 80A	3.94



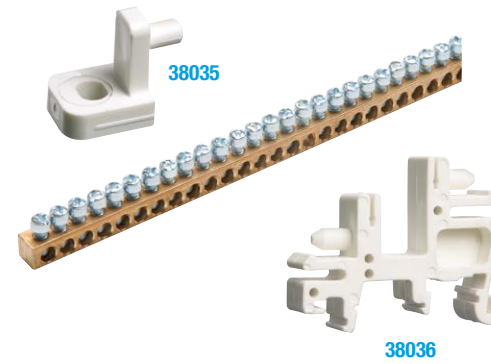
Earthing/Neutral Blocks for BASE Fixing

REF NO	Description	PRICE
568610	Brass earth bar with 2 x M4 threaded fixing holes for direct mounting onto base plate 2 x 35mm ² + 10 x 16mm ²	2.59
568610N	Brass neutral bar supplied with M4 fixing screws and 20mm mounting pillars to comply with 19mm 'clearance to earth' requirements. Simply fix the M4 threaded nylon pillars to backplate, fix brass bar to pillars with screws provided 2 x 35mm ² + 10 x 16mm ²	5.47



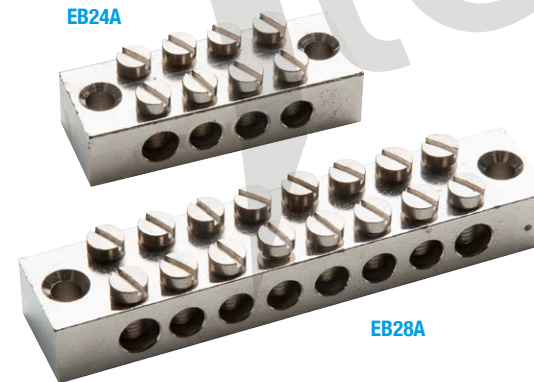
WISKA
IP66 Combi Terminal Boxes
See Pages 96-97

Available in White, Black & Grey



Extended Earthing/Neutral Bar

REF NO	Description	PRICE
568630	1 metre length of Earth/Neutral bar 165 x 6mm ² threaded connections in total. May be easily cut to required length. Fixing by using DIN rail support or the Base mounted support	18.77
38036	DIN rail support fixing to 'Tophat' rail. Permits one or two pieces of bar to be mounted parallel to the rail. For long lengths of bar, support is recommended every 300mm	0.80
38035	Base mounted support for bar fixed with M4 screw. For long lengths of bar, support is recommended every 300mm	0.90



Earth Blocks

REF NO	Description	PRICE
EB24A	4 way Double Block	2.46
EB28A	8 way Double Block	3.85

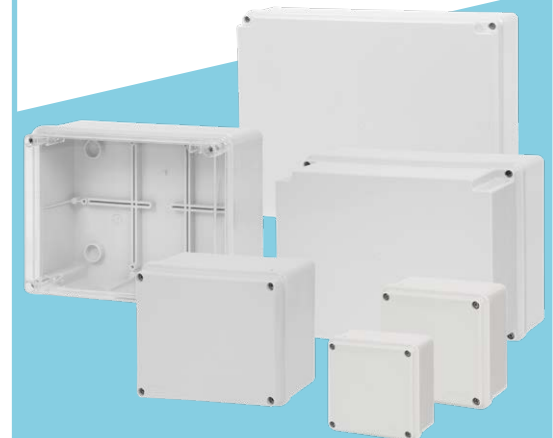
IP56
RAL7035

Pico Enclosures

A fantastic range of halogen free, ABS, smooth walled junction boxes in the popular sizes. Rated to IP56 and available with grey or transparent lid.

- Conforms to EN60670-22
- Glow wire test 650°C self-extinguishing according to IEC 695-2-1
- Sizes 190 x 140mm and larger come with internal lid straps

Take a look at the full range
See page 94



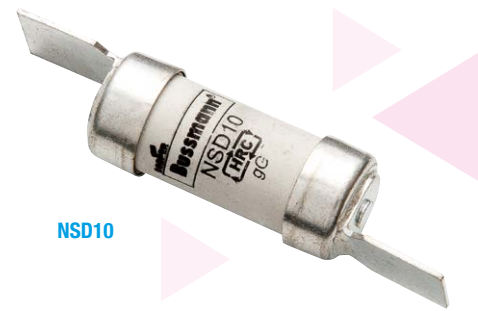
The BS88 Safeloc fuseholders have a unique slide/snap action for positive, secure insertion and removal of the fuse link. They can be fixed by screws or will mount on TS35 DIN Rail.

The 32A version is rated at 550VAC and the 63A version is rated at 415VAC.

Carriers conform to EN IEC 60269.

Safeloc Fuseholders

REF NO	Description	PRICE
32NNSF	32A Holder Black	6.20
32NNSFWHITE	32A Holder White	7.66
32NNL	32A Neutral Link	1.08
63ENSF	63A Holder Black	13.23
63ENSFWHITE	63A Holder White	16.38
63ENL	63A Neutral Link	3.11



NSD10

BS88 NSD Fuselinks rated at 550VAC for 32NNSF Safeloc Carriers

REF NO	Ind Ref	BS Ref	Length (mm)	PRICE
NSD2	NS	F1	58.7	2.77
NSD4	NS	F1	58.7	2.77
NSD6	NS	F1	58.7	2.77
NSD10	NS	F1	58.7	2.77
NSD16	NS	F1	58.7	2.77
NSD20	NS	F1	58.7	3.17
NSD25	NS	F1	58.7	3.59
NSD32	NS	F1	58.7	3.59
NSD20M25	NS	F1	58.7	4.09
NSD20M32	NS	F1	58.7	4.09
NSD32M40	NS	F1	58.7	7.82
NSD32M63	NS	F1	58.7	8.52



ESD40

BS88 ESD Fuselinks rated at 550VAC for 63ENSF Safeloc Carriers

REF NO	Ind Ref	BS Ref	Length (mm)	PRICE
ESD40	ES	F2	67.3	6.84
ESD50	ES	F2	67.3	7.25
ESD63	ES	F2	67.3	7.96
ESD63M80	ES	F2	67.3	26.28
ESD63M100	ES	F2	67.3	27.89

Camaster Fuseholders

REF NO	Description	PRICE
CM32FC	32A Holder Black	11.45
CM32FCW	32A Holder White	13.54
32CMLC	32A Neutral Link	2.51
32BS	Back Stud for CM32	5.76
CM63F	63A Holder Black	17.28
CM63FW	63A Holder White	20.65
CM100F	100A Holder Black	27.09
CM100FW	100A Holder White	34.77
63-100BCSCM	Busbar connect stem for CM63 & CM100	3.90
63-100CML	Neutral Link for CM63 & CM100	4.40
63-100BS	Back Stud for CM63 & CM100	8.00

The BS88 Camaster feature a fully shrouded fuse base with a unique cam action system which allows the fuse carrier part to be easily removed. Fixable with screws or will mount on TS35 DIN Rail.

All versions are rated at 660VAC.

Carriers conform to EN IEC 60269.



BAO40

BS88 BAO Fuselinks rated at 550VAC for Camaster CM63F Carriers

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
BAO40	TIS	A3	87	73	7.73
BAO50	TIS	A3	87	73	7.73
BAO63	TIS	A3	87	73	7.73
BAO63M80	TIS	A3	87	73	12.22
BAO63M100	TIS	A3	87	73	12.30



CM63F

32NNSFW



OSD100

BS88 NITD Fuselinks rated at 550VAC for Camaster CM32FC Carriers

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
NITD2	NIT	A1	55.4	44.5	2.84
NITD4	NIT	A1	55.4	44.5	2.96
NITD6	NIT	A1	55.4	44.5	2.96
NITD10	NIT	A1	55.4	44.5	2.84
NITD16	NIT	A1	55.4	44.5	2.84
NITD20	NIT	A1	55.4	44.5	3.17
NITD25	NIT	A1	55.4	44.5	3.59
NITD32	NIT	A1	55.4	44.5	3.59
NITD20M25	NIT	A1	55.4	44.5	3.95
NITD20M32	NIT	A1	55.4	44.5	3.95
NITD32M40	NIT	A1	55.4	44.5	7.80
NITD32M50	NIT	A1	55.4	44.5	7.80
NITD32M63	NIT	A1	55.4	44.5	8.25

OSD Fuselinks rated at 550VAC for Camaster CM100F Carriers

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
OSD80	OS	-	95	73	11.56
OSD100	OS	-	95	73	12.66



NITD4

Zero Halogen Trunking

See page 129



IBOCO

Bussmann by E-T-N

Bussmann by E-T-N

The Bussmann Safeclip fuse carriers (originally owned by GE) range from 20A to 125A. They are ASTA type test certified to BS88 Parts 1 & 2 for use on applications up to 550VAC.

SAFELIP fuse carriers are manufactured from tough, flame retardant material and are fully shrouded even when the fuse carrier is removed from the base. The SC20H screws directly to the surface or can be DIN Rail mounting by using the DIN Rail clip. The 32A, 63A and 125A versions have an integral DIN Rail clip. The range conforms to IEC269-1 and 2, BS88-1 and 2:1998.

SC63 Safeclip Fuse Carrier - 63A

REF NO	Colour	Connection Type	PRICE
SC63H-D	Black	Front Connected	11.02
SC63H-DWH	White	Front Connected	13.35
SC63P	Black	Back Connected	23.91
SC63BH	Black	Busbar/Front Connected	17.87



SC32H-D

SC20HWH



SC125H-D

SC125 Safeclip Fuse Carrier - 125A

REF NO	Colour	Connection Type	PRICE
SC125H-D	Black	Front Connected	27.96

SC20 Safeclip Fuse Carrier - 20A

REF NO	Colour	Connection Type	PRICE
SC20H	Black	Front Connected	5.87
SC20HWH	White	Front Connected	7.65
SC20HGN	Green	Front Connected	9.73
SC20P	Black	Back Stud Connected	9.06
SC20PWH	White	Back Stud Connected	10.51
SC20PGN	Green	Back Stud Connected	13.36
SC20BH	Black	Busbar/Front Connected	10.50

SC32 Safeclip Fuse Carrier - 32A

REF NO	Colour	Connection Type	PRICE
SC32H-D	Black	Front Connected	5.82
SC32H-DWH	White	Front Connected	7.79
SC32H-DGN	Green	Front Connected	11.13
SC32P	Black	Back Stud Connected	8.83
SC32PWH	White	Back Stud Connected	11.60
SC32PGN	Green	Back Stud Connected	16.06
SC32BH	Black	Busbar/Front Connected	8.48

NEW!
Motor Protective
Circuit Breakers



See pages 312-313

BS88 SS Fuselinks rated at 240VAC for Safeclip SC20H Carriers

REF NO	BS88 Ref	Rating (Amps)	PRICE
SSD2	E1	2A gG	2.51
SSD4	E1	4A gG	2.51
SSD6	E1	6A gG	2.51
SSD10	E1	10A gG	2.51
SSD16	E1	16A gG	2.51
SSD20	E1	20A gG	2.73
SSC-LINK	Copper Neutral Link for SC20		0.99
DIN-20-32	SC20H DIN Rail Mounting Adaptor		1.74



BS88 NS Fuselinks rated at 440VAC for Safeclip SC32H Carriers

REF NO	BS88 Ref	Rating (Amps)	PRICE
NS2	F1	2A gG	3.10
NS4	F1	4A gG	3.10
NS6	F1	6A gG	3.10
NS10	F1	10A gG	3.10
NS16	F1	16A gG	3.24
NS20	F1	20A gG	4.01
NS25	F1	25A gG	4.31
NS32	F1	32A gG	4.31
NSD32M40	F1	32M40 gM	7.82
NSC-LINK	Copper Neutral Link for SC32		0.85



ESD40

BS88 ES Fuselinks rated at 440VAC for Safeclip SC63H Carriers

REF NO	BS88 Ref	Rating (Amps)	PRICE
ESD40	F2	40A gG	6.84
ESD50	F2	50A gG	7.25
ESD63	F2	63A gG	7.96
ESD63M80	F2	63M80 gM	26.28
ESC-LINK	Copper Neutral Link for SC32		2.29
SCA63CAR	Adapter for fitting NS fuse link into SC63 Carrier		4.16



XS20

BS88 XS Fuselinks rated at 440VAC for Safeclip SC125H Carriers

REF NO	BS88 Ref	Rating (Amps)	PRICE
XS6	-	6A gG	13.85
XS10	-	10A gG	14.19
XS16	-	16A gG	14.19
XS20	-	20A gG	17.08
XS25	-	25A gG	17.08
XS32	-	32A gG	17.08
XS40	-	40A gG	17.08
XS50	-	50A gG	17.08
XS63	-	63A gG	17.08
XS80	-	80A gG	18.43
XS100	-	100A gG	20.20
XS125	-	125A gG	24.64
XSC-LINK	Copper Neutral Link for SC125		142.08

Distribution & Protection

Distribution & Protection

The Bussmann Red Spot fuse carriers (originally owned by GE) range from 20A to 400A. They are ASTA type test certified to BS88 Parts 1 & 2 for use on applications up to 660VAC and 460VDC.

Red Spot fuse carriers are manufactured from tough phenolic, flame retardant, non-hygroscopic material and are fully shrouded even when the fuse carrier is removed from the base. The base screw fixes to the surface in the case of the front connected parts or can be DIN rail mounted by additionally using the DIN rail adaptor. The range conforms to IEC269-1 and 2, BS88-1 and 2:1998.



RS100 Red Spot Fuse Carrier - 100A
Maximum Cable Size 70mm²

REF NO	Colour	Connection Type	PRICE
RS100H	Black	Front Connected	39.06
RS100HWH	White	Front Connected	53.96

RS20 Red Spot Fuse Carrier - 20A
Maximum Cable Size 10mm²

REF NO	Colour	Connection Type	PRICE
RS20H	Black	Front Connected	10.09
RS20HWH	White	Front Connected	12.91

RS32 Red Spot Fuse Carrier - 32A
Maximum Cable Size 16mm²

REF NO	Colour	Connection Type	PRICE
RS32H	Black	Front Connected	14.39
RS32HWH	White	Front Connected	18.85

RS63 Red Spot Fuse Carrier - 63A
Maximum Cable Size 50mm²

REF NO	Colour	Connection Type	PRICE
RS63H	Black	Front Connected	17.59
RS63HWH	White	Front Connected	24.28

RS200 Red Spot Fuse Carrier - 200A
Maximum Cable Size 120mm²

REF NO	Colour	Connection Type	PRICE
RS200H	Black	Front Connected	147.94
RS200HWH	White	Front Connected	185.36

Cable Markers

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BS88 NIT Fuselinks rated at 660VAC for Red Spot RS20H Carriers

REF NO	BS88 Ref	Rating (Amps)	PRICE
NIT2	A1	2A gG	2.96
NIT4	A1	4A gG	2.96
NIT6	A1	6A gG	2.96
NIT10	A1	10A gG	2.96
NIT16	A1	16A gG	2.84
NIT20	A1	20A gG	3.17
NITD20M25	A1	20M25 gM	4.43
NITD20M32	A1	20M32 gM	4.43
32CMLC	Copper Neutral Link for RS20		2.51
DIN-20-32	RS20H DIN Rail Mounting Adaptor		1.74

BS88 TIS Fuselinks rated at 660VAC for Red Spot RS63H Carriers

REF NO	BS88 Ref	Rating (Amps)	PRICE
TIS35	A3	35A gG	10.08
TIS40	A3	40A gG	10.31
TIS50	A3	50A gG	10.31
TIS63	A3	63A gG	11.27
TIS63M80	A3	63M80 gM	15.85
TIS63M100	A3	63M100 gM	16.47
The TIA range of fuses (as listed for RS32) may also be used in the RS63 carrier			
63-100CML	Copper Neutral Link for RS63		4.40



BS88 TCP Fuselinks rated at 660VAC for Red Spot RS100H Carriers

REF NO	BS88 Ref	Rating (Amps)	PRICE
TCP32	A4	32A gG	15.19
TCP40	A4	40A gG	15.19
TCP50	A4	50A gG	15.49
TCP63	A4	63A gG	15.49
TCP80	A4	80A gG	19.69
TCP100	A4	63M80 gM	19.69
TCP100M125	A4	63M100 gM	26.28
TCP100M160	A4	100M160 gM	26.48
TCP100M200	A4	100M200 gM	29.93
63-100CML	Copper Neutral Link for RS100		4.40
P5372-10	Adaptor for fitting TIA/TIS Fuses into RS100H Carriers		5.22

BS88 TIA Fuselinks rated at 660VAC for Red Spot RS32H Carriers

REF NO	BS88 Ref	Rating (Amps)	PRICE
TIA2	A2	2A gG	5.21
TIA4	A2	4A gG	5.21
TIA6	A2	6A gG	5.21
TIA10	A2	10A gG	5.21
TIA16	A2	16A gG	5.66
TIA20	A2	20A gG	5.66
TIA25	A2	25A gG	6.12
TIA32	A2	32A gG	6.12
TIA32M35	A2	32M35 gM	6.80
TIA32M40	A2	32M40 gM	7.23
TIA32M50	A2	32M50 gM	7.23
TIA32M63	A2	32M63 gM	7.96
32CML	Copper Neutral Link for RS32		2.74
DIN-20-32	RS32H DIN Rail Mounting Adaptor		1.74

BS88 TC/TF Fuselinks rated at 660VAC for Red Spot RS200H Carriers

REF NO	BS88 Ref	Rating (Amps)	PRICE
TC80	B1	80A gG	18.47
TC100	B1	100A gG	18.47
TC100M125	B1	100M125 gG	27.66
TC100M160	B1	100M160 gG	27.87
TC100M200	B1	100M200 gG	31.50
TF125	B2	125A gG	31.84
TF160	B2	160A gG	33.50
TF200	B2	200A gG	33.55
TF200M250	B2	200M250 gM	41.92
TF200M315	B2	200M315 gM	48.15
P110155-10	Copper Neutral Link for RS200		6.78

BS88 NITD Fuselinks rated at 550VAC

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
NITD2	NIT	A1	55.4	44.5	2.84
NITD4	NIT	A1	55.4	44.5	2.96
NITD6	NIT	A1	55.4	44.5	2.96
NITD10	NIT	A1	55.4	44.5	2.96
NITD16	NIT	A1	55.4	44.5	3.11
NITD20	NIT	A1	55.4	44.5	3.17
NITD25	NIT	A1	55.4	44.5	3.59
NITD32	NIT	A1	55.4	44.5	3.59
NITD20M25	NIT	A1	55.4	44.5	3.95
NITD20M32	NIT	A1	55.4	44.5	3.95
NITD32M40	NIT	A1	55.4	44.5	7.80
NITD32M50	NIT	A1	55.4	44.5	7.80
NITD32M63	NIT	A1	55.4	44.5	8.25



NITD4

BS88 BAO Fuselinks rated at 550VAC

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
BAO40	TIS	A3	87	73	7.73
BAO50	TIS	A3	87	73	7.73
BAO63	TIS	A3	87	73	7.73
BAO63M80	TIS	A3	87	73	12.22
BAO63M100	TIS	A3	87	73	12.30



BAO40

OSD Fuselinks rated at 550VAC

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
OSD80	OS	-	95	73	11.56
OSD100	OS	-	95	73	12.66



OSD100

Fuselink Type CEO rated at 500VAC

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
CEO32	TCP	A4	109.5	94	13.27
CEO40	TCP	A4	109.5	94	13.27
CEO50	TCP	A4	109.5	94	13.27
CEO63	TCP	A4	109.5	94	13.27
CEO80	TCP	A4	109.5	94	13.88
CEO100	TCP	A4	109.5	94	13.88



CEO63

Fuselink Type DEO

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
DEO125	TFP	A4	110	94	24.86
DEO160	TFP	A4	110	94	25.91
DEO200	TFP	A4	110	94	26.96



DEO200

Fuselink Type CD

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
CD80	TC	B1	126.5	111	14.49
CD100	TC	B1	126.5	111	14.49



CD80

Fuselink Type DD

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
DD125	TF	B2	136	111	25.29
DD160	TF	B2	136	111	25.57
DD200	TF	B2	136	111	26.69



DD160

Fuselink Type ED

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
ED250	TFK	B3/B4	136	113	33.92
ED315	TFK	B3/B4	136	113	35.42
ED355	TFK	B3/B4	136	113	41.86
ED400	TFK	B3/B4	136	113	46.31



ED315

Fuselink Type EF

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
EF355	TM	C1	210	133/184	41.86
EF400	TM	C1	210	133/184	46.31



EF400

Fuselink Type FF

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
FF450	TTM	C2	210	133/184	60.12
FF500	TTM	C2	210	133/184	67.40
FF560	TTM	C2	210	133/184	71.44
FF630	TTM	C2	210	133/184	78.51

BS88 NSD/ESD Fuselinks rated at 550VAC

REF NO	Ind Ref	BS Ref	Length (mm)	PRICE
NSD2	NS	F1	58.7	2.77
NSD4	NS	F1	58.7	2.77
NSD6	NS	F1	58.7	2.77
NSD10	NS	F1	58.7	2.77
NSD16	NS	F1	58.7	2.77
NSD20	NS	F1	58.7	3.17
NSD25	NS	F1	58.7	3.59
NSD32	NS	F1	58.7	3.59
NSD20M25	NS	F2	58.7	4.09
NSD20M32	NS	F2	58.7	4.09
NSD20M36	NS	F2	58.7	7.82
NSD32M36	NS	F2	58.7	7.82
NSD32M40	NS	F2	58.7	7.82
NSD32M50	NS	F2	58.7	8.52
NSD32M63	NS	F2	58.7	8.52
ESD40	ES	F2	67.3	6.84
ESD50	ES	F2	67.3	7.25
ESD63	ES	F2	67.3	7.96
ESD63M80	ES	F2	67.3	26.28
ESD63M100	ES	F2	67.3	27.89



ESD40

Distribution & Protection

Distribution & Protection

A range of cost effective modular fuse carriers in three common sizes. There is an option with this range of linking single pole carriers to create multipole carriers. They can also be bought as ready made units.

Made in self extinguishing V0 polyester material with Electrolytic plated copper contacts. Insulation voltage is 690V AC/DC for the CMC range and 1000V AC/DC for the CUS101Hel Range. Voltage isolation is 6kV.

10 x 38mm Fuse Carriers - 32A - 690V AC/DC
17.5mm Wide x 86.5mm High

REF NO	Description	PRICE
CMC101	Single pole carrier	3.97
CMC810N	Single pole neutral carrier	4.77
CMC101I	Single pole carrier with LED	5.55
CMC101N	Single pole and neutral carrier	10.74
CMC102	Double pole carrier	10.12
CMC103	Three pole carrier	14.38
CMC103N	Three pole + neutral carrier (includes neutral link)	19.57
CMC810PAK	Kit to join 2 carriers	0.31



CUS101HEL

CUS101HEL

10 x 38mm Fuse Carriers - 32A - 1000V AC/DC

10 x 38mm Fuse Carriers specifically designed for the Photo Voltaic market. Available with or without indicator. Indicator comes on when fuse has blown. They comply with both UL512 and IEC60947-3 standards and are RoHS compliant.

REF NO	Description	PRICE
CUS101HEL	Single pole carrier - 1000V AC/DC	6.00
CUS101IHEL	Single pole carrier - 1000V AC/DC with LED Indicator	7.99
HP10M1	10 x 38mm Fuse 1000VDC 1 Amp	5.14
HP10M2	10 x 38mm Fuse 1000VDC 2 Amp	5.14
HP10M3	10 x 38mm Fuse 1000VDC 3 Amp	5.14
HP10M4	10 x 38mm Fuse 1000VDC 4 Amp	5.14
HP10M5	10 x 38mm Fuse 1000VDC 5 Amp	5.14
HP10M6	10 x 38mm Fuse 1000VDC 6 Amp	5.14
HP10M7	10 x 38mm Fuse 1000VDC 7 Amp	5.14
HP10M8	10 x 38mm Fuse 1000VDC 8 Amp	5.14
HP10M10	10 x 38mm Fuse 1000VDC 10 Amp	5.14
HP10M12	10 x 38mm Fuse 1000VDC 12 Amp	5.14
HP10M15	10 x 38mm Fuse 1000VDC 15 Amp	5.14
HP10M20	10 x 38mm Fuse 1000VDC 20 Amp	5.14

HP10M15



CMC101

FRN1038

Fuses for 10 x 38mm Carrier

gG Standard			aM Motor Rated	
REF NO	PRICE	Rating	REF NO	PRICE
FR10GG50V0-5	0.84	0.5A	FR10AM50V0-5	0.89
FR10GG50V1	0.84	1A	FR10AM50V1	0.89
FR10GG50V2	0.72	2A	FR10AM50V2	0.89
FR10GG50V4	0.72	4A	FR10AM50V4	0.89
FR10GG50V6	0.72	6A	FR10AM50V6	0.89
FR10GG50V10	0.72	10A	FR10AM50V10	0.89
FR10GG50V16	0.72	16A	FR10AM50V16	0.89
FR10GG50V20	0.72	20A	FR10AM50V20	0.89
FR10GG50V25	0.74	25A	FR10AM50V25	0.89
FR10GG50V32	0.74	32A	FR10AM50V32	0.89
FRN1038	Neutral Link for 10 x 38mm Carrier			0.89

14 x 51mm Fuse Carriers - 50A
26.5mm Wide x 107mm High

REF NO	Description	PRICE
CMS141	Single pole carrier	9.58
CMS141N	Single pole neutral carrier	21.86
CMS141I	Single pole carrier with LED	12.18
CMS142	Double pole carrier	20.54
CMS143	Three pole carrier	31.21
CMS143N	Three pole + neutral carrier (includes neutral link)	43.64
CMS1422PAK	Kit to join 2 carriers	0.92
CMS14W1	Single pole microswitch for 14 x 51mm carrier with 1 auxiliary	10.88
CMS14W2	Three pole microswitch for 14 x 51mm carrier with 1 auxiliary	13.76
CMS14W3	Three pole microswitch for 14 x 51mm carrier with 2 auxiliaries	19.22



CMS141

CMS1422PAK

Fuses for 14 x 51mm Carrier

gG Standard			aM Motor Rated	
REF NO	PRICE	Rating	REF NO	PRICE
FR14GG69V1	1.96	1A	FR14AM69V1	1.48
FR14GG69V2	1.49	2A	FR14AM69V2	1.39
FR14GG69V4	1.44	4A	FR14AM69V4	1.21
FR14GG69V6	1.44	6A	FR14AM69V6	1.21
FR14GG69V10	1.18	10A	FR14AM69V10	1.21
FR14GG69V16	1.18	16A	FR14AM69V16	1.21
FR14GG69V20	1.18	20A	FR14AM69V20	1.21
FR14GG69V25	1.18	25A	FR14AM69V25	1.21
FR14GG69V32	1.26	32A	FR14AM69V32	1.28
FR14GG50V40	1.26	40A	FR14AM50V40	1.48
FR14GG50V50	1.48	50A	FR14AM50V50	1.48
FRN1451	Neutral Link for 14 x 51mm Carrier			1.33

22 x 58mm Fuse Carriers - 125A
35mm Wide x 126mm High

REF NO	Description	PRICE
CMS221	Single pole carrier	13.76
CMS221N	Single pole neutral carrier	30.51
CMS221I	Single pole carrier with LED	23.72
CMS222	Double pole carrier	28.74
CMS223	Three pole carrier	43.73
CMS223N	Three pole + neutral carrier (includes neutral link)	61.81
CMS1422PAK	Kit to join 2 carriers	0.92
CMS22W1	Single pole microswitch for 22 x 58mm carrier with 1 auxiliary	9.14
CMS22W2	Three pole microswitch for 22 x 58mm carrier with 1 auxiliary	11.48
CMS22W3	Three pole microswitch for 22 x 58mm carrier with 2 auxiliaries	23.45



CMS221

FR22GG***

Fuses for 22 x 58mm Carrier

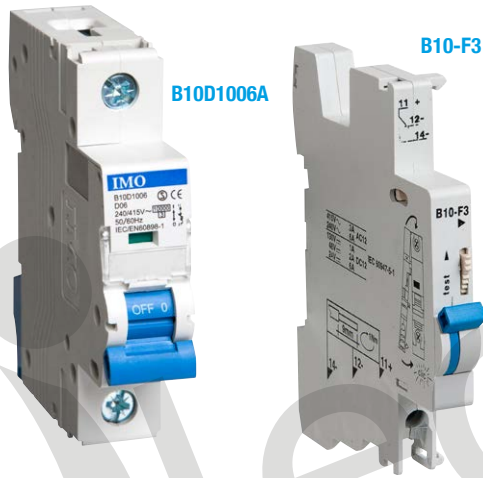
gG Standard			aM Motor Rated	
REF NO	PRICE	Rating	REF NO	PRICE
FR22GG69V2	2.36	2A	FR22AM69V2	2.57
FR22GG69V4	2.21	4A	FR22AM69V4	2.21
FR22GG69V6	2.21	6A	FR22AM69V6	2.21
FR22GG69V10	2.21	10A	FR22AM69V10	2.21
FR22GG69V16	2.21	16A	FR22AM69V16	2.21
FR22GG69V20	2.21	20A	FR22AM69V20	2.21
FR22GG69V25	2.21	25A	FR22AM69V25	2.21
FR22GG69V32	2.21	32A	FR22AM69V32	2.21
FR22GG69V40	2.21	40A	FR22AM69V40	2.21
FR22GG69V50	2.21	50A	FR22AM69V50	2.21
FR22GG69V63	2.21	63A	FR22AM69V63	2.48
FR22GG69V80	2.56	80A	FR22AM69V80	2.48
FR22GG50V100	2.60	100A	FR22AM50V100	2.59
FR22GG40V125	2.56	125A	FR22AM40V125	2.59
FRN2258	Neutral Link for 22 x 58mm Carrier			2.59

The IMO range of miniature circuit breakers have been designed for protection of electrical installations against overload and short circuits and are manufactured in accordance with EN60898, IEC60947-2 and UNE20317, VDE - SEMKO - CE.

4.5kA on Single Pole & Neutral, 6kA on Single Pole B Curve, 10kA on all C & D Curve according to EN60898. Curve B: 3-5 I_n ; Curve C: 5-10 I_n ; Curve D 10-20 I_n.

Rated voltage is 230V/415V and the rated insulation voltage U_i is 500V.

Terminal Capacity 35mm² for solid conductors and 25mm² for stranded conductors.



REF NO	Description	PRICE
B10D1002A	Single Pole 'D' Curve 2A 10kA	7.52
B10D1004A	Single Pole 'D' Curve 4A 10kA	7.52
B10D1006A	Single Pole 'D' Curve 6A 10kA	7.52
B10D1010A	Single Pole 'D' Curve 10A 10kA	7.52
B10D1016A	Single Pole 'D' Curve 16A 10kA	7.52
B10D1020A	Single Pole 'D' Curve 20A 10kA	7.52
B10D1025A	Single Pole 'D' Curve 25A 10kA	7.52
B10D1032A	Single Pole 'D' Curve 32A 10kA	7.52
B10D1040A	Single Pole 'D' Curve 40A 10kA	7.52
B10D1050A	Single Pole 'D' Curve 50A 10kA	7.52
B10D1063A	Single Pole 'D' Curve 63A 10kA	7.52

Single Pole Breakers

REF NO	Description	PRICE
BR6B1002A	Single Pole 'B' Curve 2A 6kA	5.45
BR6B1004A	Single Pole 'B' Curve 4A 6kA	5.45
BR6B1006A	Single Pole 'B' Curve 6A 6kA	5.45
BR6B1010A	Single Pole 'B' Curve 10A 6kA	5.45
BR6B1016A	Single Pole 'B' Curve 16A 6kA	5.45
BR6B1020A	Single Pole 'B' Curve 20A 6kA	5.45
BR6B1025A	Single Pole 'B' Curve 25A 6kA	5.45
BR6B1032A	Single Pole 'B' Curve 32A 6kA	5.45
BR6B1040A	Single Pole 'B' Curve 40A 6kA	5.45
BR6B1050A	Single Pole 'B' Curve 50A 6kA	5.45
BR6B1063A	Single Pole 'B' Curve 63A 6kA	5.45
B10C1002A	Single Pole 'C' Curve 2A 10kA	6.73
B10C1004A	Single Pole 'C' Curve 4A 10kA	6.73
B10C1006A	Single Pole 'C' Curve 6A 10kA	6.73
B10C1010A	Single Pole 'C' Curve 10A 10kA	6.73
B10C1016A	Single Pole 'C' Curve 16A 10kA	6.73
B10C1020A	Single Pole 'C' Curve 20A 10kA	6.73
B10C1025A	Single Pole 'C' Curve 25A 10kA	6.73
B10C1032A	Single Pole 'C' Curve 32A 10kA	6.73
B10C1040A	Single Pole 'C' Curve 40A 10kA	6.73
B10C1050A	Single Pole 'C' Curve 50A 10kA	6.73
B10C1063A	Single Pole 'C' Curve 63A 10kA	6.73



**Single Pole & Neutral Breakers
1 Module 18mm Wide - 'C' Curve**

REF NO	Description	PRICE
B4C1N02A	Single Pole & Neutral 2A 4.5kA	8.76
B4C1N04A	Single Pole & Neutral 4A 4.5kA	8.76
B4C1N06A	Single Pole & Neutral 6A 4.5kA	8.76
B4C1N10A	Single Pole & Neutral 10A 4.5kA	8.76
B4C1N16A	Single Pole & Neutral 16A 4.5kA	8.76
B4C1N20A	Single Pole & Neutral 20A 4.5kA	8.76
B4C1N25A	Single Pole & Neutral 25A 4.5kA	8.76
B4C1N32A	Single Pole & Neutral 32A 4.5kA	8.76



Double Pole Breakers

REF NO	Description	PRICE
B10C2002A	Double Pole 'C' Curve 2A 10kA	14.27
B10C2004A	Double Pole 'C' Curve 4A 10kA	14.27
B10C2006A	Double Pole 'C' Curve 6A 10kA	14.27
B10C2010A	Double Pole 'C' Curve 10A 10kA	14.27
B10C2016A	Double Pole 'C' Curve 16A 10kA	14.27
B10C2020A	Double Pole 'C' Curve 20A 10kA	14.27
B10C2025A	Double Pole 'C' Curve 25A 10kA	14.27
B10C2032A	Double Pole 'C' Curve 32A 10kA	14.27
B10C2040A	Double Pole 'C' Curve 40A 10kA	14.27
B10C2050A	Double Pole 'C' Curve 50A 10kA	14.27
B10C2063A	Double Pole 'C' Curve 63A 10kA	14.27
B10D2002A	Double Pole 'D' Curve 2A 10kA	16.56
B10D2004A	Double Pole 'D' Curve 4A 10kA	16.56
B10D2006A	Double Pole 'D' Curve 6A 10kA	16.56
B10D2010A	Double Pole 'D' Curve 10A 10kA	16.56
B10D2016A	Double Pole 'D' Curve 16A 10kA	16.56
B10D2020A	Double Pole 'D' Curve 20A 10kA	16.56
B10D2025A	Double Pole 'D' Curve 25A 10kA	16.56
B10D2032A	Double Pole 'D' Curve 32A 10kA	16.56
B10D2040A	Double Pole 'D' Curve 40A 10kA	16.56
B10D2050A	Double Pole 'D' Curve 50A 10kA	16.56
B10D2063A	Double Pole 'D' Curve 63A 10kA	16.56

Breaker Accessories

REF NO	Description	PRICE
B10-F3	Auxiliary Switch for C and D Curve Breakers for monitoring the status of the device. Open/Closed Contact rated at 6A @ 230V & 24VDC, 3A @ 400VAC	6.58
B10-Lock	Locking Device	6.34

Three Pole Breakers

REF NO	Description	PRICE
B10C3002A	Three Pole 'C' Curve 2A 10kA	22.32
B10C3004A	Three Pole 'C' Curve 4A 10kA	22.32
B10C3006A	Three Pole 'C' Curve 6A 10kA	22.32
B10C3010A	Three Pole 'C' Curve 10A 10kA	22.32
B10C3016A	Three Pole 'C' Curve 16A 10kA	22.32
B10C3020A	Three Pole 'C' Curve 20A 10kA	22.32
B10C3025A	Three Pole 'C' Curve 25A 10kA	22.32
B10C3032A	Three Pole 'C' Curve 32A 10kA	22.32
B10C3040A	Three Pole 'C' Curve 40A 10kA	22.32
B10C3050A	Three Pole 'C' Curve 50A 10kA	22.32
B10C3063A	Three Pole 'C' Curve 63A 10kA	22.32
B10C3080A	Three Pole 'C' Curve 80A 10kA	65.54
B10C3100A	Three Pole 'C' Curve 100A 10kA	65.54
B10C3125A	Three Pole 'C' Curve 125A 10kA	65.54
B10D3002A	Three Pole 'D' Curve 2A 10kA	25.84
B10D3004A	Three Pole 'D' Curve 4A 10kA	25.84
B10D3006A	Three Pole 'D' Curve 6A 10kA	25.84
B10D3010A	Three Pole 'D' Curve 10A 10kA	25.84
B10D3016A	Three Pole 'D' Curve 16A 10kA	25.84
B10D3020A	Three Pole 'D' Curve 20A 10kA	25.84
B10D3025A	Three Pole 'D' Curve 25A 10kA	25.84
B10D3032A	Three Pole 'D' Curve 32A 10kA	25.84
B10D3040A	Three Pole 'D' Curve 40A 10kA	25.84
B10D3050A	Three Pole 'D' Curve 50A 10kA	25.84
B10D3063A	Three Pole 'D' Curve 63A 10kA	25.84



B10D3025A

Three Pole & Neutral Breakers

REF NO	Description	PRICE
B10C3N10A	Three Pole & Neutral 'C' Curve 10A 10kA	29.34
B10C3N16A	Three Pole & Neutral 'C' Curve 16A 10kA	29.32
B10C3N25A	Three Pole & Neutral 'C' Curve 25A 10kA	29.32



**RCCB - Residual Current Circuit Breakers
230V Single Pole & Neutral 30mA**

An RCCB provides residual current protection. It will operate when it detects that the electrical current is not balanced between the live and the return neutral. They can also be referred to as an RCD

REF NO	Description	PRICE
B10R2025-30	25A RCCB - 10kA	26.91
B10R2032-30	32A RCCB - 10kA	26.91
B10R2040-30	40A RCCB - 10kA	26.91
B10R2063-30	63A RCCB - 10kA	26.91



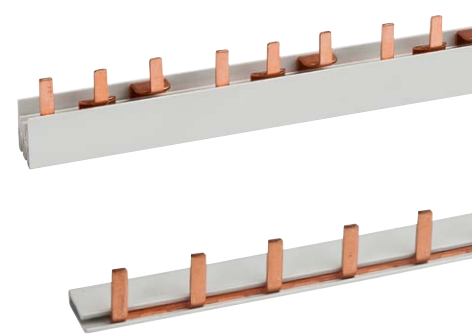
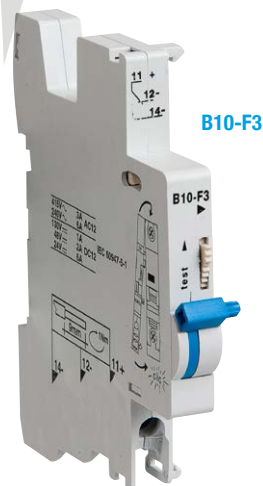
Isolating Switch

Isolating Switches - Double Pole 230V/400V. Semko - CE approval

REF NO	Description	PRICE
BIS2063A	Double Pole Isolating Switch 63A	10.72
BIS2125A	Double Pole Isolating Switch 125A	21.56

Breaker Accessories

REF NO	Description	PRICE
B10-F3	Auxiliary Switch for C and D Curve Breakers for monitoring the status of the device. Open/Closed Contact rated at 6A @ 230V & 24VDC, 3A @ 400VAC	6.58
B10-Lock	MCB Locking Device (Requires Padlock)	6.34

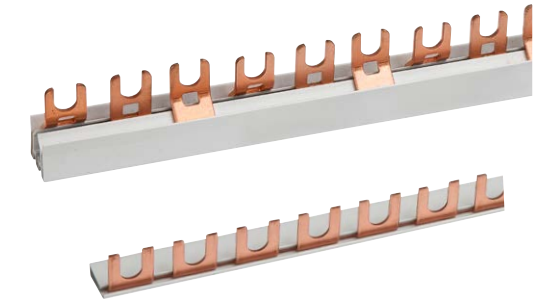


Pin Busbar

REF NO	Length (mm)	Section (mm ²)	Current Rating	No. of Devices	PRICE
Single Pole					
G854K135	210	10	60 Amps	12	4.30
G854	1000	10	60 Amps	57	20.87
G854.16	1000	16	96 Amps	57	25.84
Three Pole					
G700S	210	10	60 Amps	4	6.25
G710S	1065	10	60 Amps	20	32.75
G710S16	1065	16	96 Amps	20	37.60
G802.2SI	Connecting terminal for cable up to 25mm ² 15mm Pin				2.25
G802.4SI	Connecting terminal for cable up to 25mm ² 25mm Pin				2.50
G802.432SQ	Connecting terminal for cable up to 35 - 50mm ² 25mm Pin				2.35
GA1	End cover for three pole busbar				0.85



The Fork or Pin busbar is for use on standard circuit breakers or modular devices such as the European Fuse Carriers (10 x 38mm Fuse) with a pitch of 17.8mm



Fork Busbar

REF NO	Length (mm)	Section (mm ²)	Current Rating	No. of Devices	PRICE
Single Pole					
G852K	210	10	60 Amps	12	4.30
G852	1000	10	60 Amps	57	14.40
G853	1000	16	96 Amps	57	23.30
Three Pole					
G700T	210	10	60 Amps	4	6.25
G710T	1065	10	60 Amps	20	32.70
G710T16	1065	16	96 Amps	20	54.29
G802.114Q	Fork connecting terminal for cable up to 25mm ²				2.25
GA1	End cover for three pole busbar				0.85



NEW!

IP65 GAZ Enclosed Isolators

See page 223

Lovato

Distribution & Protection

Distribution & Protection

The Lovato range of miniature circuit breakers, are used to protect against short circuits and overloads of wiring installation. They have instantaneous trip characteristics defined below;

Curve B: 3-5 I_n ; Curve C: 5-10 I_n ; Curve D 10-14 I_n

They are manufactured in accordance with IEC/EN60898-1 , IEC/EN60947-2 and have a breaking capacity of 10kA.

Rated voltage is 230V/400VAC.



P1MB1PC63

Single Pole Breakers

REF NO	Description	PRICE
P1MB1PD01	Single Pole 'D' Curve 1A 10kA	5.97
P1MB1PD02	Single Pole 'D' Curve 2A 10kA	5.97
P1MB1PD04	Single Pole 'D' Curve 4A 10kA	5.97
P1MB1PD06	Single Pole 'D' Curve 6A 10kA	5.97
P1MB1PD10	Single Pole 'D' Curve 10A 10kA	5.97
P1MB1PD16	Single Pole 'D' Curve 16A 10kA	5.97
P1MB1PD20	Single Pole 'D' Curve 20A 10kA	5.97
P1MB1PD25	Single Pole 'D' Curve 25A 10kA	5.97
P1MB1PD32	Single Pole 'D' Curve 32A 10kA	5.97
P1MB1PD40	Single Pole 'D' Curve 40A 10kA	5.97
P1MB1PD50	Single Pole 'D' Curve 50A 10kA	15.14
P1MB1PD63	Single Pole 'D' Curve 63A 10kA	15.14

Single Pole Breakers

REF NO	Description	PRICE
P1MB1PB01	Single Pole 'B' Curve 1A 10kA	5.97
P1MB1PB02	Single Pole 'B' Curve 2A 10kA	5.97
P1MB1PB04	Single Pole 'B' Curve 4A 10kA	5.97
P1MB1PB06	Single Pole 'B' Curve 6A 10kA	5.97
P1MB1PB10	Single Pole 'B' Curve 10A 10kA	5.97
P1MB1PB16	Single Pole 'B' Curve 16A 10kA	5.97
P1MB1PB20	Single Pole 'B' Curve 20A 10kA	5.97
P1MB1PB25	Single Pole 'B' Curve 25A 10kA	5.97
P1MB1PB32	Single Pole 'B' Curve 32A 10kA	5.97
P1MB1PB40	Single Pole 'B' Curve 40A 10kA	5.97
P1MB1PB50	Single Pole 'B' Curve 50A 10kA	5.97
P1MB1PB63	Single Pole 'B' Curve 63A 10kA	5.97
P1MB1PC01	Single Pole 'C' Curve 1A 10kA	5.97
P1MB1PC02	Single Pole 'C' Curve 2A 10kA	5.97
P1MB1PC03	Single Pole 'C' Curve 3A 10kA	5.97
P1MB1PC04	Single Pole 'C' Curve 4A 10kA	5.97
P1MB1PC06	Single Pole 'C' Curve 6A 10kA	5.97
P1MB1PC10	Single Pole 'C' Curve 10A 10kA	5.97
P1MB1PC13	Single Pole 'C' Curve 13A 10kA	5.97
P1MB1PC16	Single Pole 'C' Curve 16A 10kA	5.97
P1MB1PC20	Single Pole 'C' Curve 20A 10kA	5.97
P1MB1PC25	Single Pole 'C' Curve 25A 10kA	5.97
P1MB1PC32	Single Pole 'C' Curve 32A 10kA	5.97
P1MB1PC40	Single Pole 'C' Curve 40A 10kA	5.97
P1MB1PC50	Single Pole 'C' Curve 50A 10kA	13.71
P1MB1PC63	Single Pole 'C' Curve 63A 10kA	13.71



P1MB1MC02

**Single Pole & Neutral Breakers
1 Module 18mm Wide - 'C' Curve**

REF NO	Description	PRICE
P1MB1MC02	Single Pole & Neutral 2A 6kA	14.60
P1MB1MC04	Single Pole & Neutral 4A 6kA	14.60
P1MB1MC06	Single Pole & Neutral 6A 6kA	14.60
P1MB1MC10	Single Pole & Neutral 10A 6kA	14.60
P1MB1MC16	Single Pole & Neutral 16A 6kA	14.60
P1MB1MC20	Single Pole & Neutral 20A 6kA	14.60



P1MB2PC16

Double Pole Breakers

REF NO	Description	PRICE
P1MB2PC01	Double Pole 'C' Curve 1A 10kA	12.14
P1MB2PC02	Double Pole 'C' Curve 2A 10kA	12.14
P1MB2PC04	Double Pole 'C' Curve 4A 10kA	12.14
P1MB2PC06	Double Pole 'C' Curve 6A 10kA	12.14
P1MB2PC10	Double Pole 'C' Curve 10A 10kA	12.14
P1MB2PC16	Double Pole 'C' Curve 16A 10kA	12.14
P1MB2PC20	Double Pole 'C' Curve 20A 10kA	12.14
P1MB2PC25	Double Pole 'C' Curve 25A 10kA	12.14
P1MB2PC32	Double Pole 'C' Curve 32A 10kA	12.14
P1MB2PC40	Double Pole 'C' Curve 40A 10kA	12.14
P1MB2PC50	Double Pole 'C' Curve 50A 10kA	28.40
P1MB2PC63	Double Pole 'C' Curve 63A 10kA	28.40
P1MB2PD01	Double Pole 'D' Curve 1A 10kA	12.14
P1MB2PD02	Double Pole 'D' Curve 2A 10kA	12.14
P1MB2PD04	Double Pole 'D' Curve 4A 10kA	12.14
P1MB2PD06	Double Pole 'D' Curve 6A 10kA	12.14
P1MB2PD10	Double Pole 'D' Curve 10A 10kA	12.14
P1MB2PD16	Double Pole 'D' Curve 16A 10kA	12.14
P1MB2PD20	Double Pole 'D' Curve 20A 10kA	12.14
P1MB2PD25	Double Pole 'D' Curve 25A 10kA	12.14
P1MB2PD32	Double Pole 'D' Curve 32A 10kA	12.14
P1MB2PD40	Double Pole 'D' Curve 40A 10kA	12.14
P1MB2PD50	Double Pole 'D' Curve 50A 10kA	31.40
P1MB2PD63	Double Pole 'D' Curve 63A 10kA	31.40

Three Pole Breakers

REF NO	Description	PRICE
P1MB3PC01	Three Pole 'C' Curve 1A 10kA	27.74
P1MB3PC02	Three Pole 'C' Curve 2A 10kA	27.74
P1MB3PC04	Three Pole 'C' Curve 4A 10kA	27.74
P1MB3PC06	Three Pole 'C' Curve 6A 10kA	27.74
P1MB3PC10	Three Pole 'C' Curve 10A 10kA	27.74
P1MB3PC13	Three Pole 'C' Curve 13A 10kA	27.74
P1MB3PC16	Three Pole 'C' Curve 16A 10kA	27.74
P1MB3PC20	Three Pole 'C' Curve 20A 10kA	27.74
P1MB3PC25	Three Pole 'C' Curve 25A 10kA	27.74
P1MB3PC32	Three Pole 'C' Curve 32A 10kA	27.74
P1MB3PC40	Three Pole 'C' Curve 40A 10kA	27.74
P1MB3PC50	Three Pole 'C' Curve 50A 10kA	44.54
P1MB3PC63	Three Pole 'C' Curve 63A 10kA	44.54
P1MB3PD01	Three Pole 'D' Curve 1A 10kA	27.74
P1MB3PD02	Three Pole 'D' Curve 2A 10kA	27.74
P1MB3PD04	Three Pole 'D' Curve 4A 10kA	27.74
P1MB3PD06	Three Pole 'D' Curve 6A 10kA	27.74
P1MB3PD10	Three Pole 'D' Curve 10A 10kA	27.74
P1MB3PD16	Three Pole 'D' Curve 16A 10kA	27.74
P1MB3PD20	Three Pole 'D' Curve 20A 10kA	27.74
P1MB3PD25	Three Pole 'D' Curve 25A 10kA	27.74
P1MB3PD32	Three Pole 'D' Curve 32A 10kA	27.74
P1MB3PD40	Three Pole 'D' Curve 40A 10kA	27.74
P1MB3PD50	Three Pole 'D' Curve 50A 10kA	49.03
P1MB3PD63	Three Pole 'D' Curve 63A 10kA	49.03



P1MB3PC16

B Curve - For domestic/commercial installations without power surges
C Curve - For commercial/light industrial installations with switching surges such as fluorescent lighting or small motors
D Curve - For abnormally high inrush current such as motors with heavy starting duty





P1MB4PC63

REF NO	Description	PRICE
P1X1011	Auxiliary Contact 1C/O	15.94
P1X1311	Indicator Contact 1C/O	19.51
P1X14230	Undervoltage Trip Release 230V	58.40
P1X16230	Shunt Trip Release 110-415V	52.14



P1X1011



P1X16230

Four Pole Breakers

REF NO	Description	PRICE
P1MB4PC01	Four Pole 'C' Curve 1A 10kA	50.83
P1MB4PC02	Four Pole 'C' Curve 2A 10kA	50.83
P1MB4PC04	Four Pole 'C' Curve 4A 10kA	50.83
P1MB4PC06	Four Pole 'C' Curve 6A 10kA	46.74
P1MB4PC10	Four Pole 'C' Curve 10A 10kA	40.66
P1MB4PC16	Four Pole 'C' Curve 16A 10kA	40.66
P1MB4PC20	Four Pole 'C' Curve 20A 10kA	40.66
P1MB4PC25	Four Pole 'C' Curve 25A 10kA	40.66
P1MB4PC32	Four Pole 'C' Curve 32A 10kA	40.66
P1MB4PC40	Four Pole 'C' Curve 40A 10kA	56.94
P1MB4PC50	Four Pole 'C' Curve 50A 10kA	56.94
P1MB4PC63	Four Pole 'C' Curve 63A 10kA	56.94
P1MB4PD01	Four Pole 'D' Curve 1A 10kA	55.94
P1MB4PD02	Four Pole 'D' Curve 2A 10kA	55.94
P1MB4PD04	Four Pole 'D' Curve 4A 10kA	55.94
P1MB4PD06	Four Pole 'D' Curve 6A 10kA	51.43
P1MB4PD10	Four Pole 'D' Curve 10A 10kA	44.80
P1MB4PD16	Four Pole 'D' Curve 16A 10kA	44.80
P1MB4PD20	Four Pole 'D' Curve 20A 10kA	44.80
P1MB4PD25	Four Pole 'D' Curve 25A 10kA	44.80
P1MB4PD32	Four Pole 'D' Curve 32A 10kA	44.80
P1MB4PD40	Four Pole 'D' Curve 40A 10kA	62.57
P1MB4PD50	Four Pole 'D' Curve 50A 10kA	62.57
P1MB4PD63	Four Pole 'D' Curve 63A 10kA	62.57

Modular Contactors

NEW!



See pages
314-315



P1RC2P63AC030

**RCCB - Residual Current Circuit Breakers
230V Two Pole 30mA - Type AC**

RCCB's will break the circuit in the event of an earth/ground fault

REF NO	Description	PRICE
P1RC2P25AC030	25A 2 Pole RCCB 30mA	45.46
P1RC2P40AC030	40A 2 Pole RCCB 30mA	71.54
P1RC2P63AC030	63A 2 Pole RCCB 30mA	102.83



P1RC4P63AC030

**RCCB - Residual Current Circuit Breakers
230/400V Four Pole 30mA - Type AC**

RCCB's will break the circuit in the event of an earth/ground fault

REF NO	Description	PRICE
P1RC4P25AC030	25A 4 Pole RCCB 30mA	93.14
P1RC4P40AC030	40A 4 Pole RCCB 30mA	99.17
P1RC4P63AC030	63A 4 Pole RCCB 30mA	176.26

**RCBO - Residual Current Circuit Breakers with
Overcurrent Protection
230V Single Pole & Neutral 30mA - Type AC**

These devices both detect and trip in the event of residual current and protect circuits in the case of short circuits and overcurrent, they integrate both functions of an MCB & RCCB

REF NO	Description	PRICE
P1RB1NC06AC030	6A RCBO - 10kA	57.46
P1RB1NC10AC030	10A RCBO - 10kA	57.46
P1RB1NC16AC030	16A RCBO - 10kA	57.46
P1RB1NC20AC030	20A RCBO - 10kA	57.46
P1RB1NC25AC030	25A RCBO - 10kA	57.46
P1RB1NC32AC030	32A RCBO - 10kA	57.46
P1RB1NC40AC030	40A RCBO - 10kA	57.46



P1RB1NC25AC030

**PABLO IP65
Modular Enclosures**

See Our Full Range on Pages 100-101



Distribution & Protection

Distribution & Protection



Acti9 Isobar is a complete range of single and three phase distribution boards for commercial and industrial applications. The single phase board is rated up to 125A and offers 27 ways; the three phase board is rated at 250A and offers 24 ways.

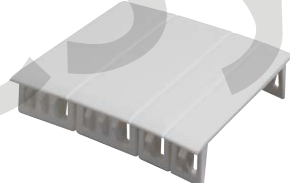
Boards are fully type tested, conditional short circuit rating of 16kA (single phase) 25kA (three phase) to BS EN 61439-3 and accept the high performance MCB 10kA BS EN 60898 15kA BS EN 60947-2 in B, C or D curve 1 & 2 pole (single phase) 1, 2, 3 & 4 pole (three phase).

They feature Isobar disconnection to BS EN 60947-3 ensuring unused outgoing ways are isolated, an option of switching outgoing neutral on all boards using distributed neutral kit. Terminal block for feeding up to 100A.

The single phase boards have knockouts for cable glands, whereas the three phase have removable gland plates. Three phase boards also feature a removable insulated pan assembly & fully shrouded split neutral bar.



Accessories		
REF NO	Description	PRICE
SEA9BP3	Blanking Plate	1.21
SEA9BL	Key Lock	15.97



SEA9BP3



SEA9BL

DME Lovato Single & Three Phase Energy Meters



See Our Full Range on Pages 342-343

Single Phase Acti9 Isobar A Type Distribution Boards

REF NO	Dimensions (mm)			No. of SP Ways	PRICE
	H	W	D		
SEA9AN2	300	200	117	2	46.97
SEA9AN6	300	273	117	6	83.41
SEA9AN10	300	345	117	10	102.84
SEA9AN18	300	489	117	18	156.33
SEA9AN27	530	417	117	27	269.00



SEA9BN6

Three Phase Acti9 Isobar B Type Distribution Boards

REF NO	Dimensions (mm)			No. of TP Ways	PRICE
	H	W	D		
SEA9BN4	484	470	140	4	240.83
SEA9BN6	484	470	140	6	273.66
SEA9BN8	538	470	140	8	289.18
SEA9BN12	700	470	140	12	339.20
SEA9BN16	862	470	140	16	492.31
SEA9BN18	862	470	140	18	569.88
SEA9BN24	1024	470	140	24	890.91



SEA9BN12

Single Pole RCBO - 30mA Type C		
REF NO	Description	PRICE
A9D11806	1P+N 6A 30mA Type C	98.48
A9D11810	1P+N 10A 30mA Type C	98.48
A9D11816	1P+N 16A 30mA Type C	98.48
A9D11820	1P+N 20A 30mA Type C	98.48
A9D11825	1P+N 25A 30mA Type C	98.48
A9D11832	1P+N 32A 30mA Type C	98.48
A9D11840	1P+N 40A 30mA Type C	98.48
A9D11845	1P+N 45A 30mA Type C	98.48



A9D11806

Switch Disconnectors		
REF NO	Description	PRICE
SEA91252	125A 2 Pole Switch Disconnector	27.42
SEA91253N	125A 3 Pole + Neutral Switch Disconnector	81.50
SEA91254	125A 4 Pole Switch Disconnector	100.06



SEA91252

SEA91254

Pan assemblies, metered extension enclosures and heavy duty versions are also available

Contact us for details

The Schneider range of miniature circuit breakers have been designed for protection of electrical installations against overload and short circuits and are manufactured in accordance with EN60898 and IEC60947-2.

They have a breaking capacity of 10kA according to EN60898 and 15kA according to EN 60947-2. Curve B: 3-5 I_n ; Curve C: 5-10 I_n ; Curve D 10-14 I_n

Rated voltage is 230V/415V and the rated insulation voltage U_i is 500V.

Terminal Capacity 25mm² for solid conductors and 16mm² for stranded conductors up to 25A Breakers; 35mm² for solid conductors and 25mm² for stranded conductors 32A - 63A Breakers.



A9F53102

Single Pole Breakers D Curve

REF NO	Description	PRICE
A9F55101	Single Pole 'D' Curve 1A 10kA	24.13
A9F55102	Single Pole 'D' Curve 2A 10kA	22.54
A9F55104	Single Pole 'D' Curve 4A 10kA	20.00
A9F55106	Single Pole 'D' Curve 6A 10kA	18.84
A9F55110	Single Pole 'D' Curve 10A 10kA	16.74
A9F55116	Single Pole 'D' Curve 16A 10kA	16.74
A9F55120	Single Pole 'D' Curve 20A 10kA	16.74
A9F55125	Single Pole 'D' Curve 25A 10kA	16.82
A9F55132	Single Pole 'D' Curve 32A 10kA	16.66
A9F55140	Single Pole 'D' Curve 40A 10kA	18.71
A9F55150	Single Pole 'D' Curve 50A 10kA	20.79
A9F55163	Single Pole 'D' Curve 63A 10kA	22.43

Single Pole Breakers B & C Curve

REF NO	Description	PRICE
A9F53101	Single Pole 'B' Curve 1A 10kA	23.14
A9F53102	Single Pole 'B' Curve 2A 10kA	21.45
A9F53104	Single Pole 'B' Curve 4A 10kA	19.49
A9F53106	Single Pole 'B' Curve 6A 10kA	17.66
A9F53110	Single Pole 'B' Curve 10A 10kA	15.77
A9F53116	Single Pole 'B' Curve 16A 10kA	15.77
A9F53120	Single Pole 'B' Curve 20A 10kA	15.77
A9F53125	Single Pole 'B' Curve 25A 10kA	15.93
A9F53132	Single Pole 'B' Curve 32A 10kA	15.77
A9F53140	Single Pole 'B' Curve 40A 10kA	17.68
A9F53150	Single Pole 'B' Curve 50A 10kA	19.80
A9F53163	Single Pole 'B' Curve 63A 10kA	21.24
A9F54101	Single Pole 'C' Curve 1A 10kA	22.78
A9F54102	Single Pole 'C' Curve 2A 10kA	21.18
A9F54104	Single Pole 'C' Curve 4A 10kA	18.74
A9F54106	Single Pole 'C' Curve 6A 10kA	17.66
A9F54110	Single Pole 'C' Curve 10A 10kA	15.77
A9F54116	Single Pole 'C' Curve 16A 10kA	15.77
A9F54120	Single Pole 'C' Curve 20A 10kA	15.77
A9F54125	Single Pole 'C' Curve 25A 10kA	15.93
A9F54132	Single Pole 'C' Curve 32A 10kA	15.77
A9F54140	Single Pole 'C' Curve 40A 10kA	17.51
A9F54150	Single Pole 'C' Curve 50A 10kA	19.57
A9F54163	Single Pole 'C' Curve 63A 10kA	20.95

A9A26924



A9A26927

Breaker Accessories

REF NO	Description	PRICE
A9A26924	iOF Open/Close Auxiliary Contact	28.94
A9A26927	iSD Changeover contact which indicates position of the breaker upon electrical fault or action on tripping auxiliary 240-415VAC; 24-130VDC.	29.49
A9A26929	The iOF/SD+OF auxiliary is a 2 in 1 product. Via a mechanical selector switch it provides two contacts, OF+SD or OF+OF Remote indication of position and/or tripping upon a fault of the associated breaker	32.17
A9A27062	9mm Spacer (Pack of 5)	7.13

 For other auxiliaries including Shunt Trip Release & Undervoltage Release please visit our website. www.ilecsys.co.uk

Double Pole Breakers B, C & D Curve

REF NO	Description	PRICE
A9F53201	Double Pole 'B' Curve 1A 10kA	66.23
A9F53202	Double Pole 'B' Curve 2A 10kA	62.20
A9F53204	Double Pole 'B' Curve 4A 10kA	57.58
A9F53206	Double Pole 'B' Curve 6A 10kA	50.88
A9F53210	Double Pole 'B' Curve 10A 10kA	46.28
A9F53216	Double Pole 'B' Curve 16A 10kA	46.06
A9F53220	Double Pole 'B' Curve 20A 10kA	46.28
A9F53225	Double Pole 'B' Curve 25A 10kA	46.50
A9F53232	Double Pole 'B' Curve 32A 10kA	46.28
A9F53240	Double Pole 'B' Curve 40A 10kA	51.49
A9F53250	Double Pole 'B' Curve 50A 10kA	58.04
A9F53263	Double Pole 'B' Curve 63A 10kA	60.59
A9F54201	Double Pole 'C' Curve 1A 10kA	63.97
A9F54202	Double Pole 'C' Curve 2A 10kA	59.80
A9F54204	Double Pole 'C' Curve 4A 10kA	55.37
A9F54206	Double Pole 'C' Curve 6A 10kA	50.64
A9F54210	Double Pole 'C' Curve 10A 10kA	45.84
A9F54216	Double Pole 'C' Curve 16A 10kA	45.84
A9F54220	Double Pole 'C' Curve 20A 10kA	46.28
A9F54225	Double Pole 'C' Curve 25A 10kA	46.50
A9F54232	Double Pole 'C' Curve 32A 10kA	46.06
A9F54240	Double Pole 'C' Curve 40A 10kA	51.49
A9F54250	Double Pole 'C' Curve 50A 10kA	57.49
A9F54263	Double Pole 'C' Curve 63A 10kA	59.73
A9F55201	Double Pole 'D' Curve 1A 10kA	69.16
A9F55202	Double Pole 'D' Curve 2A 10kA	64.66
A9F55204	Double Pole 'D' Curve 4A 10kA	59.52
A9F55206	Double Pole 'D' Curve 6A 10kA	53.96
A9F55210	Double Pole 'D' Curve 10A 10kA	48.82
A9F55216	Double Pole 'D' Curve 16A 10kA	48.82
A9F55220	Double Pole 'D' Curve 20A 10kA	49.06
A9F55225	Double Pole 'D' Curve 25A 10kA	49.06
A9F55232	Double Pole 'D' Curve 32A 10kA	49.06
A9F55240	Double Pole 'D' Curve 40A 10kA	54.31
A9F55250	Double Pole 'D' Curve 50A 10kA	59.47
A9F55263	Double Pole 'D' Curve 63A 10kA	62.04



A9F54316

Three Pole Breakers B, C & D Curve

REF NO	Description	PRICE
A9F53301	Three Pole 'B' Curve 1A 10kA	94.03
A9F53302	Three Pole 'B' Curve 2A 10kA	88.92
A9F53304	Three Pole 'B' Curve 4A 10kA	84.13
A9F53306	Three Pole 'B' Curve 6A 10kA	75.96
A9F53310	Three Pole 'B' Curve 10A 10kA	69.43
A9F53316	Three Pole 'B' Curve 16A 10kA	68.76
A9F53320	Three Pole 'B' Curve 20A 10kA	68.76
A9F53325	Three Pole 'B' Curve 25A 10kA	69.43
A9F53332	Three Pole 'B' Curve 32A 10kA	68.76
A9F53340	Three Pole 'B' Curve 40A 10kA	75.19
A9F53350	Three Pole 'B' Curve 50A 10kA	84.95
A9F53363	Three Pole 'B' Curve 63A 10kA	88.12
A9F54301	Three Pole 'C' Curve 1A 10kA	93.11
A9F54302	Three Pole 'C' Curve 2A 10kA	88.07
A9F54304	Three Pole 'C' Curve 4A 10kA	81.29
A9F54306	Three Pole 'C' Curve 6A 10kA	75.23
A9F54310	Three Pole 'C' Curve 10A 10kA	68.76
A9F54316	Three Pole 'C' Curve 16A 10kA	68.76
A9F54320	Three Pole 'C' Curve 20A 10kA	68.76
A9F54325	Three Pole 'C' Curve 25A 10kA	68.76
A9F54332	Three Pole 'C' Curve 32A 10kA	68.76
A9F54340	Three Pole 'C' Curve 40A 10kA	74.46
A9F54350	Three Pole 'C' Curve 50A 10kA	83.30
A9F54363	Three Pole 'C' Curve 63A 10kA	87.26
A9F55301	Three Pole 'D' Curve 1A 10kA	98.25
A9F55302	Three Pole 'D' Curve 2A 10kA	92.93
A9F55304	Three Pole 'D' Curve 4A 10kA	85.74
A9F55306	Three Pole 'D' Curve 6A 10kA	79.40
A9F55310	Three Pole 'D' Curve 10A 10kA	72.56
A9F55316	Three Pole 'D' Curve 16A 10kA	72.56
A9F55320	Three Pole 'D' Curve 20A 10kA	72.56
A9F55325	Three Pole 'D' Curve 25A 10kA	73.26
A9F55332	Three Pole 'D' Curve 32A 10kA	72.56
A9F55340	Three Pole 'D' Curve 40A 10kA	78.59
A9F55350	Three Pole 'D' Curve 50A 10kA	88.75
A9F55363	Three Pole 'D' Curve 63A 10kA	92.05



A9F54210

The GE Power range of ELFA+ miniature breakers is highly regarded in the market and offers a comprehensive range of accessories.

They are manufactured in accordance with EN60898 and IEC60947-2 and have a breaking capacity of 6kA according to EN60898 and 10kA according to EN 60947-2.

Curve B: 3-5 I_n ; Curve C: 5-10 I_n ; Curve D 10-14 I_n

Rated voltage is 230V/415VAC and up to 500VDC.



EP61B32

Single Pole Breakers

REF NO	Material No	Description	PRICE
EP61D0.5	566526	Single Pole 'D' Curve 0.5A 6kA	12.84
EP61D01	566527	Single Pole 'D' Curve 1A 6kA	12.84
EP61D02	566528	Single Pole 'D' Curve 2A 6kA	12.84
EP61D04	566530	Single Pole 'D' Curve 4A 6kA	12.84
EP61D06	566531	Single Pole 'D' Curve 6A 6kA	11.90
EP61D10	566532	Single Pole 'D' Curve 10A 6kA	11.90
EP61D16	566534	Single Pole 'D' Curve 16A 6kA	11.90
EP61D20	566535	Single Pole 'D' Curve 20A 6kA	11.90
EP61D25	566536	Single Pole 'D' Curve 25A 6kA	11.90
EP61D32	566537	Single Pole 'D' Curve 32A 6kA	11.90
EP61D40	566538	Single Pole 'D' Curve 40A 6kA	11.90
EP61D50	566539	Single Pole 'D' Curve 50A 6kA	12.84
EP61D63	566540	Single Pole 'D' Curve 63A 6kA	12.84

Single Pole Breakers

REF NO	Material No	Description	PRICE
EP61B06	674265	Single Pole 'B' Curve 6A 6kA	11.55
EP61B10	674266	Single Pole 'B' Curve 10A 6kA	11.43
EP61B16	674267	Single Pole 'B' Curve 16A 6kA	11.43
EP61B20	674268	Single Pole 'B' Curve 20A 6kA	11.43
EP61B25	674269	Single Pole 'B' Curve 25A 6kA	11.43
EP61B32	674270	Single Pole 'B' Curve 32A 6kA	11.55
EP61B40	674271	Single Pole 'B' Curve 40A 6kA	11.55
EP61B50	674272	Single Pole 'B' Curve 50A 6kA	12.46
EP61B63	674273	Single Pole 'B' Curve 63A 6kA	12.46
EP61C0.5	672036	Single Pole 'C' Curve 0.5A 6kA	12.84
EP61C01	672037	Single Pole 'C' Curve 1A 6kA	12.84
EP61C02	672038	Single Pole 'C' Curve 2A 6kA	12.84
EP61C04	672040	Single Pole 'C' Curve 4A 6kA	12.84
EP61C06	672041	Single Pole 'C' Curve 6A 6kA	11.90
EP61C10	672043	Single Pole 'C' Curve 10A 6kA	11.90
EP61C16	672045	Single Pole 'C' Curve 16A 6kA	11.90
EP61C20	672046	Single Pole 'C' Curve 20A 6kA	11.90
EP61C25	672047	Single Pole 'C' Curve 25A 6kA	11.90
EP61C32	672048	Single Pole 'C' Curve 32A 6kA	11.90
EP61C40	672049	Single Pole 'C' Curve 40A 6kA	11.90
EP61C50	672050	Single Pole 'C' Curve 50A 6kA	12.84
EP61C63	672051	Single Pole 'C' Curve 63A 6kA	12.84



CAH

CAS/H

Breaker Accessories

REF NO	Material No	Description	PRICE
CAH	672567	Add on auxiliary module with one change over contact rated at 5A and accommodates cable up to 2.5mm ² . Up to four modules can be mounted on both sides of the breaker to a maximum of eight	15.34
CAS/H	672568	As above except the user may select to use this device as an auxiliary contact or a signal contact. Used as a signal contact, it provides information about the automatic tripping of the MCB, ie. overload or short circuit. The device features a test button to simulate either state.	19.53

EP62C06



Double Pole Breakers

REF NO	Material No	Description	PRICE
EP62B02	672150	Double Pole 'B' Curve 2A 6kA	32.75
EP62B06	672153	Double Pole 'B' Curve 6A 6kA	30.61
EP62B10	672155	Double Pole 'B' Curve 10A 6kA	30.61
EP62B16	672157	Double Pole 'B' Curve 16A 6kA	30.61
EP62B20	672158	Double Pole 'B' Curve 20A 6kA	30.61
EP62B25	672159	Double Pole 'B' Curve 25A 6kA	30.61
EP62B32	672160	Double Pole 'B' Curve 32A 6kA	30.61
EP62B40	672161	Double Pole 'B' Curve 40A 6kA	30.61
EP62B50	672162	Double Pole 'B' Curve 50A 6kA	33.10
EP62B63	672163	Double Pole 'B' Curve 63A 6kA	33.10
EP62C0.5	672068	Double Pole 'C' Curve 0.5A 6kA	33.10
EP62C01	672069	Double Pole 'C' Curve 1A 6kA	33.10
EP62C02	672070	Double Pole 'C' Curve 2A 6kA	33.10
EP62C04	672072	Double Pole 'C' Curve 4A 6kA	33.10
EP62C06	672073	Double Pole 'C' Curve 6A 6kA	30.61
EP62C10	672075	Double Pole 'C' Curve 10A 6kA	30.61
EP62C16	672077	Double Pole 'C' Curve 16A 6kA	30.61
EP62C20	672078	Double Pole 'C' Curve 20A 6kA	30.61
EP62C25	672079	Double Pole 'C' Curve 25A 6kA	30.61
EP62C32	672080	Double Pole 'C' Curve 32A 6kA	30.61
EP62C40	672081	Double Pole 'C' Curve 40A 6kA	30.61
EP62C50	672082	Double Pole 'C' Curve 50A 6kA	33.10
EP62C63	672083	Double Pole 'C' Curve 63A 6kA	33.10
EP62D0.5	566566	Double Pole 'D' Curve 0.5A 6kA	33.10
EP62D01	566567	Double Pole 'D' Curve 1A 6kA	33.10
EP62D02	566568	Double Pole 'D' Curve 2A 6kA	33.10
EP62D04	566570	Double Pole 'D' Curve 4A 6kA	33.10
EP62D06	566571	Double Pole 'D' Curve 6A 6kA	30.61
EP62D10	566572	Double Pole 'D' Curve 10A 6kA	30.61
EP62D16	566574	Double Pole 'D' Curve 16A 6kA	30.61
EP62D20	566575	Double Pole 'D' Curve 20A 6kA	30.61
EP62D25	566576	Double Pole 'D' Curve 25A 6kA	30.61
EP62D32	566577	Double Pole 'D' Curve 32A 6kA	30.61
EP62D40	566578	Double Pole 'D' Curve 40A 6kA	30.61
EP62D50	566579	Double Pole 'D' Curve 50A 6kA	33.10
EP62D63	566580	Double Pole 'D' Curve 63A 6kA	33.10

Three Pole Breakers

REF NO	Material No	Description	PRICE
EP63B06	674274	Three Pole 'B' Curve 6A 6kA	44.87
EP63B10	674275	Three Pole 'B' Curve 10A 6kA	44.87
EP63B16	674276	Three Pole 'B' Curve 16A 6kA	44.43
EP63B20	674277	Three Pole 'B' Curve 20A 6kA	44.43
EP63B25	674278	Three Pole 'B' Curve 25A 6kA	44.43
EP63B32	674279	Three Pole 'B' Curve 32A 6kA	44.87
EP63B40	674280	Three Pole 'B' Curve 40A 6kA	44.87
EP63B50	674281	Three Pole 'B' Curve 50A 6kA	48.49
EP63B63	674282	Three Pole 'B' Curve 63A 6kA	48.49
EP63C0.5	672084	Three Pole 'C' Curve 0.5A 6kA	48.49
EP63C01	672085	Three Pole 'C' Curve 1A 6kA	48.49
EP63C02	672086	Three Pole 'C' Curve 2A 6kA	48.49
EP63C04	672088	Three Pole 'C' Curve 4A 6kA	48.49
EP63C06	672089	Three Pole 'C' Curve 6A 6kA	44.87
EP63C10	672091	Three Pole 'C' Curve 10A 6kA	44.87
EP63C16	672093	Three Pole 'C' Curve 16A 6kA	44.87
EP63C20	672094	Three Pole 'C' Curve 20A 6kA	44.87
EP63C25	672095	Three Pole 'C' Curve 25A 6kA	44.87
EP63C32	672096	Three Pole 'C' Curve 32A 6kA	44.87
EP63C40	672097	Three Pole 'C' Curve 40A 6kA	44.87
EP63C50	672098	Three Pole 'C' Curve 50A 6kA	48.49
EP63C63	672099	Three Pole 'C' Curve 63A 6kA	48.49
EP63D0.5	566606	Three Pole 'D' Curve 0.5A 6kA	48.49
EP63D01	566607	Three Pole 'D' Curve 1A 6kA	48.49
EP63D02	566608	Three Pole 'D' Curve 2A 6kA	48.49
EP63D04	566610	Three Pole 'D' Curve 4A 6kA	48.49
EP63D06	566611	Three Pole 'D' Curve 6A 6kA	44.87
EP63D10	566612	Three Pole 'D' Curve 10A 6kA	44.87
EP63D16	566614	Three Pole 'D' Curve 16A 6kA	44.87
EP63D20	566615	Three Pole 'D' Curve 20A 6kA	44.87
EP63D25	566616	Three Pole 'D' Curve 25A 6kA	44.87
EP63D32	566617	Three Pole 'D' Curve 32A 6kA	44.87
EP63D40	566618	Three Pole 'D' Curve 40A 6kA	44.87
EP63D50	566619	Three Pole 'D' Curve 50A 6kA	48.46
EP63D63	566620	Three Pole 'D' Curve 63A 6kA	48.49

EP63D32



4 Pole Breakers are also available, as are breakers up to 125A - Ref HTI. Please see our website www.ilecsys.co.uk for further information.

The Eaton range of high quality, reliable and safe products are a guarantee of protection for people, installations and systems worldwide. Designed and approved for industrial and high end commercial applications, the FAZ-series includes auxiliaries, tripping modules, interlocks, busbars and accessories.

They are manufactured in accordance with EN60898 and IEC60947-2 and have a breaking capacity of 10kA according to EN60898 and 15kA according to EN 60947-2.

Curve B: 3-5 I_n ; Curve C: 5-10 I_n ; Curve D 10-14 I_n ; Curve K 10-20 I_n ; Curve S 13-17 I_n

Rated voltage is 230V/415VAC and up to 500VDC.



Double Pole Breakers

REF NO	Description	PRICE
FAZ-C0.5/2	Double Pole 'C' Curve 0.5A 15kA	39.54
FAZ-C1/2	Double Pole 'C' Curve 1A 15kA	45.76
FAZ-C2/2	Double Pole 'C' Curve 2A 15kA	43.90
FAZ-C4/2	Double Pole 'C' Curve 4A 15kA	43.90
FAZ-C6/2	Double Pole 'C' Curve 6A 15kA	39.15
FAZ-C10/2	Double Pole 'C' Curve 10A 15kA	36.13
FAZ-C16/2	Double Pole 'C' Curve 16A 15kA	36.13
FAZ-C20/2	Double Pole 'C' Curve 20A 15kA	36.13
FAZ-C25/2	Double Pole 'C' Curve 25A 15kA	36.13
FAZ-C32/2	Double Pole 'C' Curve 32A 15kA	36.13
FAZ-C40/2	Double Pole 'C' Curve 40A 15kA	38.76
FAZ-C50/2	Double Pole 'C' Curve 50A 15kA	42.73
FAZ-C63/2	Double Pole 'C' Curve 63A 15kA	44.35
FAZ-D1/2	Double Pole 'D' Curve 1A 15kA	48.05
FAZ-D2/2	Double Pole 'D' Curve 2A 15kA	46.07
FAZ-D4/2	Double Pole 'D' Curve 4A 15kA	46.07
FAZ-D6/2	Double Pole 'D' Curve 6A 15kA	41.10
FAZ-D10/2	Double Pole 'D' Curve 10A 15kA	37.92
FAZ-D16/2	Double Pole 'D' Curve 16A 15kA	37.92
FAZ-D20/2	Double Pole 'D' Curve 20A 15kA	37.92
FAZ-D25/2	Double Pole 'D' Curve 25A 15kA	37.92
FAZ-D32/2	Double Pole 'D' Curve 32A 15kA	37.92
FAZ-D40/2	Double Pole 'D' Curve 40A 15kA	40.69
FAZ-D50/2	Double Pole 'D' Curve 50A 15kA	44.86
FAZ-D63/2	Double Pole 'D' Curve 63A 15kA	46.55

Single Pole Breakers

REF NO	Description	PRICE
FAZ-C0.5/1	Single Pole 'C' Curve 0.5A 15kA	17.83
FAZ-C1/1	Single Pole 'C' Curve 1A 15kA	17.83
FAZ-C2/1	Single Pole 'C' Curve 2A 15kA	17.11
FAZ-C4/1	Single Pole 'C' Curve 4A 15kA	16.04
FAZ-C6/1	Single Pole 'C' Curve 6A 15kA	15.25
FAZ-C10/1	Single Pole 'C' Curve 10A 15kA	14.08
FAZ-C16/1	Single Pole 'C' Curve 16A 15kA	14.08
FAZ-C20/1	Single Pole 'C' Curve 20A 15kA	14.08
FAZ-C25/1	Single Pole 'C' Curve 25A 15kA	14.08
FAZ-C32/1	Single Pole 'C' Curve 32A 15kA	14.08
FAZ-C40/1	Single Pole 'C' Curve 40A 15kA	15.11
FAZ-C50/1	Single Pole 'C' Curve 50A 15kA	16.67
FAZ-C63/1	Single Pole 'C' Curve 63A 15kA	17.29
FAZ-D1/1	Single Pole 'D' Curve 1A 15kA	18.70
FAZ-D2/1	Single Pole 'D' Curve 2A 15kA	17.93
FAZ-D4/1	Single Pole 'D' Curve 4A 15kA	16.78
FAZ-D6/1	Single Pole 'D' Curve 6A 15kA	15.99
FAZ-D10/1	Single Pole 'D' Curve 10A 15kA	14.77
FAZ-D16/1	Single Pole 'D' Curve 16A 15kA	14.77
FAZ-D20/1	Single Pole 'D' Curve 20A 15kA	14.77
FAZ-D25/1	Single Pole 'D' Curve 25A 15kA	14.77
FAZ-D32/1	Single Pole 'D' Curve 32A 15kA	14.77
FAZ-D40/1	Single Pole 'D' Curve 40A 15kA	15.84
FAZ-D50/1	Single Pole 'D' Curve 50A 15kA	17.46
FAZ-D63/1	Single Pole 'D' Curve 63A 15kA	18.13



FAZ-C4/2



FAZ-C4/3

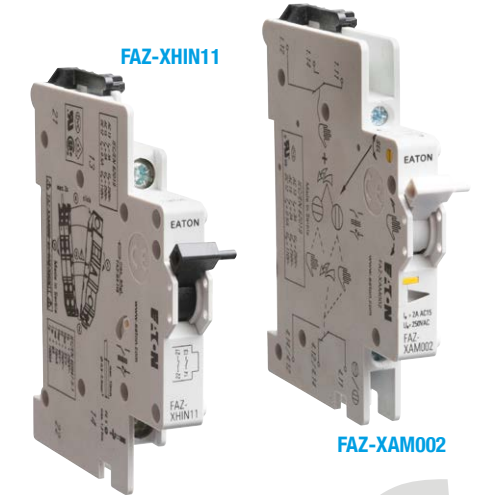
Three Pole Breakers

REF NO	Description	PRICE
FAZ-C0.5/3	Three Pole 'C' Curve 0.5A 15kA	56.69
FAZ-C1/3	Three Pole 'C' Curve 1A 15kA	74.34
FAZ-C2/3	Three Pole 'C' Curve 2A 15kA	71.32
FAZ-C4/3	Three Pole 'C' Curve 4A 15kA	66.76
FAZ-C6/3	Three Pole 'C' Curve 6A 15kA	63.59
FAZ-C10/3	Three Pole 'C' Curve 10A 15kA	58.68
FAZ-C16/3	Three Pole 'C' Curve 16A 15kA	58.68
FAZ-C20/3	Three Pole 'C' Curve 20A 15kA	58.68
FAZ-C25/3	Three Pole 'C' Curve 25A 15kA	58.68
FAZ-C32/3	Three Pole 'C' Curve 32A 15kA	58.68
FAZ-C40/3	Three Pole 'C' Curve 40A 15kA	62.95
FAZ-C50/3	Three Pole 'C' Curve 50A 15kA	69.40
FAZ-C63/3	Three Pole 'C' Curve 63A 15kA	72.01
FAZ-D1/3	Three Pole 'D' Curve 1A 15kA	78.08
FAZ-D2/3	Three Pole 'D' Curve 2A 15kA	74.89
FAZ-D4/3	Three Pole 'D' Curve 4A 15kA	70.10
FAZ-D6/3	Three Pole 'D' Curve 6A 15kA	66.79
FAZ-D10/3	Three Pole 'D' Curve 10A 15kA	61.62
FAZ-D16/3	Three Pole 'D' Curve 16A 15kA	61.62
FAZ-D20/3	Three Pole 'D' Curve 20A 15kA	61.62
FAZ-D25/3	Three Pole 'D' Curve 25A 15kA	61.62
FAZ-D32/3	Three Pole 'D' Curve 32A 15kA	61.62
FAZ-D40/3	Three Pole 'D' Curve 40A 15kA	66.13
FAZ-D50/3	Three Pole 'D' Curve 50A 15kA	72.90
FAZ-D63/3	Three Pole 'D' Curve 63A 15kA	75.63

Shunt Trips and Undervoltage Release Modules are also available.

Please contact us for further information or visit our website at www.ilecsys.co.uk

Eaton also manufacture breakers with 'B' 'S' and 'K' Curve breaking characteristics



Breaker Accessories

REF NO	Description	PRICE
FAZ-XHIN11	Add on auxiliary with 1 N/O & 1 N/C Contacts (6A)	16.79
FAZ-XAM002	Trip indicating auxiliary with 2 x Changeover Contacts (4A)	25.81



Commoning Busbar

For use on standard miniature circuit breakers with a pitch of 17.5mm. This range has forked connectors and closed ends.

REF NO	Description	PRICE
Single Phase		
EVG-16/1PHAS/2MODUL	80A Busbar for 2 breakers	0.82
EVG-16/1PHAS/6MODUL	80A Busbar for 6 breakers	1.48
EVG-16/1PHAS/12MODUL	80A Busbar for 12 breakers	2.52
Two Phase		
EVG-16/2PHAS/4MODUL	80A Busbar for 2 breakers	2.60
EVG-16/2PHAS/6MODUL	80A Busbar for 3 breakers	3.07
EVG-16/2PHAS/12MODUL	80A Busbar for 6 breakers	5.99
Three Phase		
EVG-16/3PHAS/6MODUL	80A Busbar for 2 breakers	3.76
EVG-16/3PHAS/12MODUL	80A Busbar for 4 breakers	6.70
Z-GV-10/3P-3TE	63A Busbar 1 Metre Long	32.84
Z-GV-16/3P-3TE	80A Busbar 1 Metre Long	41.27

Residual Current Devices - RCD's

RCCB's will break the circuit in the event of an earth/ground fault

REF NO	Rating	Poles	Sensitivity	PRICE
PFIM-25/2/003	25A	2	30mA	72.24
PFIM-25/2/01	25A	2	100mA	70.35
PFIM-40/2/003	40A	2	30mA	84.45
PFIM-40/2/01	40A	2	100mA	75.99
PFIM-63/2/003	63A	2	30mA	93.80
PFIM-63/2/01	63A	2	100mA	84.45
PFIM-80/2/003	80A	2	30mA	106.93
PFIM-80/2/01	80A	2	100mA	106.93
PFIM-100/2/003	100A	2	30mA	131.31
PFIM-100/2/01	100A	2	100mA	107.27



PKNM - RCBO - B Type - Residual Current Circuit Breakers with Overcurrent Protection

Type B - 3 - 5 x In response current of short circuit trip

REF NO	Rating	Sensitivity	PRICE
PKNM-6/1N/B/003	6A	30mA	85.35
PKNM-10/1N/B/003	10A	30mA	85.35
PKNM-16/1N/B/003	16A	30mA	85.35
PKNM-32/1N/B/003	32A	30mA	85.35
PKNM-40/1N/B/003	40A	30mA	85.35



PKNM - RCBO - C Type - Residual Current Circuit Breakers with Overcurrent Protection

Type C - 5 - 10 x In response current of short circuit trip

REF NO	Rating	Sensitivity	PRICE
PKNM-6/1N/C/003	6A	30mA	85.35
PKNM-10/1N/C/003	10A	30mA	85.35
PKNM-16/1N/C/003	16A	30mA	85.35
PKNM-32/1N/C/003	32A	30mA	85.35
PKNM-40/1N/C/003	40A	30mA	85.35

Eaton's range of Residual Current Circuit Breaker with Overload Protection (RCBO) PKNM combine protection for people and circuits in a single device.

The PFIM range provide (RCD) will detect residual current but there is no overload protection with this device.

Metalclad 13A Spur Units

REF NO	Description	PRICE
GMC13SPN	13A Spur with Neon	11.20
GMC13SPNF	13A Spur with Neon and Flex Outlet	11.25
GMC13SSP	13A Switched Spur	8.32
GMC13SSPN	13A Switched Spur with Neon	9.52
GMC13SSPNF	13A Switched Spur with Neon and Flex Outlet	12.38



RCD Socket Outlets

REF NO	Description	PRICE
GMCPRCDSKT1G	1 Gang Metalclad Double Pole Passive RCD socket	POA
GMCPRCDSKT2G	2 Gang Metalclad Double Pole Passive RCD socket	POA
GPRCDSKT1G	1 Gang Plastic Double Pole Passive RCD socket	24.97
GPRCDSKT2G	2 Gang Plastic Double Pole Passive RCD socket	33.23

Metalclad Socket Outlets

REF NO	Description	PRICE
GMC131SS	1 Gang switched socket	6.25
GMC132SS	2 Gang switched socket	8.17
GMC131S	1 Gang unswitched socket	6.77
GMC132S	2 Gang unswitched socket	9.08



DE1 Variable Speed Starters 0.25 - 7.5kW



See Our Full Range on Page 332

Protherm Air Conditioning Units

See Our Full Range on Pages 114-115



ABB manufacture a wide range of circuit breakers. In this catalogue we are featuring the S200M 10kA range. However, all other types are also available. All MCB's comply to IEC/EN60898 and IEC/EN60947-2.



S201MC6

Single Pole Breakers - S201M

REF NO	Description	PRICE
S201MB6	Single Pole 'B' Curve 6A 10kA	14.76
S201MB10	Single Pole 'B' Curve 10A 10kA	13.54
S201MB13	Single Pole 'B' Curve 13A 10kA	13.54
S201MB16	Single Pole 'B' Curve 16A 10kA	13.54
S201MB20	Single Pole 'B' Curve 20A 10kA	13.54
S201MB25	Single Pole 'B' Curve 25A 10kA	13.54
S201MB32	Single Pole 'B' Curve 32A 10kA	13.54
S201MB40	Single Pole 'B' Curve 40A 10kA	14.76
S201MB50	Single Pole 'B' Curve 50A 10kA	15.54
S201MB63	Single Pole 'B' Curve 63A 10kA	15.69
S201MC1	Single Pole 'C' Curve 1A 10kA	15.69
S201MC2	Single Pole 'C' Curve 2A 10kA	15.54
S201MC3	Single Pole 'C' Curve 3A 10kA	15.54
S201MC4	Single Pole 'C' Curve 4A 10kA	15.21
S201MC6	Single Pole 'C' Curve 6A 10kA	14.76
S201MC8	Single Pole 'C' Curve 8A 10kA	14.76
S201MC10	Single Pole 'C' Curve 10A 10kA	13.54
S201MC13	Single Pole 'C' Curve 13A 10kA	13.54
S201MC16	Single Pole 'C' Curve 16A 10kA	13.54
S201MC20	Single Pole 'C' Curve 20A 10kA	13.54
S201MC25	Single Pole 'C' Curve 25A 10kA	13.54
S201MC32	Single Pole 'C' Curve 32A 10kA	13.54
S201MC40	Single Pole 'C' Curve 40A 10kA	14.76
S201MC50	Single Pole 'C' Curve 50A 10kA	15.54
S201MC63	Single Pole 'C' Curve 63A 10kA	15.69

Single Pole Breakers - S201M

The 'D' Curve breakers have an instantaneous trip between 10 and 20 times the breaker rating. As such they can be a good protective solution for applications involving high in-rush transformers, motors and other high inductive systems. It is also suitable for any application where a high instantaneous trip point is desired.

REF NO	Description	PRICE
S201MD1	Single Pole 'D' Curve 1A 10kA	17.25
S201MD2	Single Pole 'D' Curve 2A 10kA	17.25
S201MD3	Single Pole 'D' Curve 3A 10kA	17.25
S201MD4	Single Pole 'D' Curve 4A 10kA	17.25
S201MD6	Single Pole 'D' Curve 6A 10kA	16.23
S201MD8	Single Pole 'D' Curve 8A 10kA	16.23
S201MD10	Single Pole 'D' Curve 10A 10kA	14.90
S201MD16	Single Pole 'D' Curve 16A 10kA	14.90
S201MD20	Single Pole 'D' Curve 20A 10kA	14.90
S201MD25	Single Pole 'D' Curve 25A 10kA	14.90
S201MD32	Single Pole 'D' Curve 32A 10kA	14.90
S201MD40	Single Pole 'D' Curve 40A 10kA	16.23
S201MD50	Single Pole 'D' Curve 50A 10kA	17.10
S201MD63	Single Pole 'D' Curve 63A 10kA	17.25

- B Curve** - For domestic/commercial installations without power surges
- C Curve** - For commercial/light industrial installations with switching surges such as fluorescent lighting or small motors
- D Curve** - For abnormally high inrush current such as motors with heavy starting duty



S2C-H11L

Breaker Accessories

REF NO	Description	PRICE
S2C-H11L	1 x N/O/ 1 x N/C Auxiliary mountable on the Left Hand Side	18.45

Double Pole Breakers - S202M

REF NO	Description	PRICE
S202MC1	Double Pole 'C' Curve 1A 10kA	44.88
S202MC2	Double Pole 'C' Curve 2A 10kA	44.50
S202MC3	Double Pole 'C' Curve 3A 10kA	44.50
S202MC4	Double Pole 'C' Curve 4A 10kA	43.70
S202MC6	Double Pole 'C' Curve 6A 10kA	42.36
S202MC8	Double Pole 'C' Curve 8A 10kA	38.93
S202MC10	Double Pole 'C' Curve 10A 10kA	38.93
S202MC13	Double Pole 'C' Curve 13A 10kA	38.93
S202MC16	Double Pole 'C' Curve 16A 10kA	38.93
S202MC20	Double Pole 'C' Curve 20A 10kA	38.93
S202MC25	Double Pole 'C' Curve 25A 10kA	38.93
S202MC32	Double Pole 'C' Curve 32A 10kA	38.93
S202MC40	Double Pole 'C' Curve 40A 10kA	42.44
S202MC50	Double Pole 'C' Curve 50A 10kA	44.50
S202MC63	Double Pole 'C' Curve 63A 10kA	44.88
S202MD1	Double Pole 'D' Curve 1A 10kA	41.01
S202MD2	Double Pole 'D' Curve 2A 10kA	41.01
S202MD3	Double Pole 'D' Curve 3A 10kA	41.01
S202MD4	Double Pole 'D' Curve 4A 10kA	41.01
S202MD6	Double Pole 'D' Curve 6A 10kA	41.01
S202MD8	Double Pole 'D' Curve 8A 10kA	34.68
S202MD10	Double Pole 'D' Curve 10A 10kA	34.09
S202MD13	Double Pole 'D' Curve 13A 10kA	34.68
S202MD16	Double Pole 'D' Curve 16A 10kA	34.09
S202MD20	Double Pole 'D' Curve 20A 10kA	34.09
S202MD25	Double Pole 'D' Curve 25A 10kA	34.09
S202MD32	Double Pole 'D' Curve 32A 10kA	34.09
S202MD40	Double Pole 'D' Curve 40A 10kA	41.01
S202MD50	Double Pole 'D' Curve 50A 10kA	46.41
S202MD63	Double Pole 'D' Curve 63A 10kA	48.55



S202MC6

The ABB S200 6kA breaker is also available. For example order S201C6 instead of S201MC6 'K' Curve and 'Z' Curve are also available



S203MC6

Three Pole Breakers - S203M

REF NO	Description	PRICE
S203MC1	Three Pole 'C' Curve 1A 10kA	66.68
S203MC2	Three Pole 'C' Curve 2A 10kA	66.04
S203MC3	Three Pole 'C' Curve 3A 10kA	66.04
S203MC4	Three Pole 'C' Curve 4A 10kA	64.83
S203MC6	Three Pole 'C' Curve 6A 10kA	62.88
S203MC8	Three Pole 'C' Curve 8A 10kA	62.88
S203MC10	Three Pole 'C' Curve 10A 10kA	58.97
S203MC13	Three Pole 'C' Curve 13A 10kA	58.97
S203MC16	Three Pole 'C' Curve 16A 10kA	58.97
S203MC20	Three Pole 'C' Curve 20A 10kA	58.97
S203MC25	Three Pole 'C' Curve 25A 10kA	58.97
S203MC32	Three Pole 'C' Curve 32A 10kA	58.97
S203MC40	Three Pole 'C' Curve 40A 10kA	62.88
S203MC50	Three Pole 'C' Curve 50A 10kA	66.04
S203MC63	Three Pole 'C' Curve 63A 10kA	66.68
S203MD1	Three Pole 'D' Curve 1A 10kA	53.22
S203MD2	Three Pole 'D' Curve 2A 10kA	53.22
S203MD3	Three Pole 'D' Curve 3A 10kA	53.23
S203MD4	Three Pole 'D' Curve 4A 10kA	52.14
S203MD6	Three Pole 'D' Curve 6A 10kA	69.18
S203MD8	Three Pole 'D' Curve 8A 10kA	48.08
S203MD10	Three Pole 'D' Curve 10A 10kA	64.87
S203MD13	Three Pole 'D' Curve 13A 10kA	48.08
S203MD16	Three Pole 'D' Curve 16A 10kA	64.87
S203MD25	Three Pole 'D' Curve 25A 10kA	64.87
S203MD32	Three Pole 'D' Curve 32A 10kA	64.87
S203MD40	Three Pole 'D' Curve 40A 10kA	69.32
S203MD50	Three Pole 'D' Curve 50A 10kA	72.64
S203MD63	Three Pole 'D' Curve 63A 10kA	73.37

Ensto Compact is a complete range of DIN rail mount rotary switches available from 16A to 125A and manufactured from a self-extinguishing material.

Conforming to EN60947-3, they have a rated Insulation Voltage of 800V and a rated Impulse Withstand Voltage of 8kV

Switch without Handle

REF NO	Description	PRICE
KS31.16	3 pole - 16 Amps switch	19.48
KS31.20	3 pole - 20 Amps switch	19.71
KS31.25	3 pole - 25 Amps switch	20.19
KS31.32	3 pole - 32 Amps switch	20.13
KS31.40	3 pole - 40 Amps switch	20.74
KS31.63	3 pole - 63 Amps switch	26.35
KSM31.80	3 pole - 80 Amps switch	35.29
KSM31.100	3 pole - 100 Amps switch	48.10
KSM31.125	3 pole - 125 Amps switch	56.74



KS31.20

KSM31.125

External Red/Yellow Handle & Shaft

REF NO	Description	PRICE
KSH48	Red/Yellow Rotary handle suitable for all switches. Padlockable x 3 - IP65	7.43
KSH75RY	Red/Yellow Pistol Grip handle suitable for all switches. Padlockable x 3 - IP65	19.32
KS23.90	Shaft suitable for all switches - 90mm long	2.68
KS23.300	Shaft suitable for all switches - 300mm long	3.98



KSH48

KSH75RY

ENSTO

Switched Fourth Pole

REF NO	Description	PRICE
KS1.16	Switched 4th pole - 16 Amps	8.61
KS1.20	Switched 4th pole - 20 Amps	8.74
KS1.25	Switched 4th pole - 25 Amps	8.87
KS1.32	Switched 4th pole - 32 Amps	8.90
KS1.40	Switched 4th pole - 40 Amps	8.97
KS1.63	Switched 4th pole - 63 Amps	11.81
KSM1.80	Switched 4th pole - 80 Amps	13.84
KSM1.100	Switched 4th pole - 100 Amps	15.55
KSM1.125	Switched 4th pole - 125 Amps	17.87



KS1.25

KSM1.125

Fixed Neutral, PE Module & Auxiliary

REF NO	Description	PRICE
KSN1	Fixed Neutral for up to 63A	7.61
KSMN1	Fixed Neutral for up to 125A	10.74
KSP1	Fixed PE module for up to 63A	7.81
KSP1	Fixed PE module for up to 125A	10.87
KSA1	N/O + N/C Auxiliary Contact	16.29



KSA1

KSN1

Terminal Covers

REF NO	Description	PRICE
PMR123	Pair of terminal shrouds for switches up to 63A	3.10
PMR121	Pair of terminal shrouds for 4th Pole up to 63A	1.97
PMR113	Pair of terminal shrouds for switches 80 - 125A	4.42
PMR111	Pair of terminal shrouds for 4th Pole 80 - 125A	3.10



PMR123

PMR121



KS3.25

KS3.25RY

Switch with Internal Handle

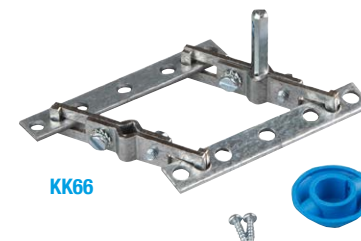
REF NO	Description	PRICE
KS3.16	3 pole - 16 Amps switch - Blue Handle	20.13
KS3.20	3 pole - 20 Amps switch - Blue Handle	20.42
KS3.25	3 pole - 25 Amps switch - Blue Handle	20.90
KS3.32	3 pole - 32 Amps switch - Blue Handle	21.13
KS3.40	3 pole - 40 Amps switch - Blue Handle	21.35
KS3.63	3 pole - 63 Amps switch - Blue Handle	27.06
KS3.16RY	3 pole - 16 Amp switch - Red/Yellow Handle	21.77
KS3.25RY	3 pole - 25 Amp switch - Red/Yellow Handle	22.55
KS3.40RY	3 pole - 40 Amp switch - Red/Yellow Handle	23.06



KK102.712

Other Accessories

REF NO	Description	PRICE
KK102.712	Changeover mechanism kit including shafts and Black handle	52.26
KK66	Parallel mechanism for mounting two switches to work simultaneously	17.13



KK66

Lovato IP65 Enclosed Isolators

REF NO	Poles	Dimensions (mm) W x H x D	Thermal Rating	PRICE
GAZ025	3	100 x 159 x 120	25A	18.90
GAZ032	3	100 x 159 x 120	32A	24.80
GAZ040	3	100 x 159 x 120	40A	36.71
GAZ063SA	3	175 x 210 x 122	63A	72.49



GAZ025

Add-on Fourth Pole for Enclosed Isolators

REF NO	Description	PRICE
GAX42040A	40A Fourth Pole for GAZ025 - GAZ040	6.28
GAX42063A	63A Fourth Pole for GAZ063SA	12.42

Add-on Blocks for Enclosed Isolators

REF NO	Description	PRICE
GAX1011A	N/O + N/C Auxiliary Contact	13.51
GAX1110EA	1 Early Break N/O Auxiliary Contact	9.93
GAX31A	Fixed Neutral terminal	8.15
GAX33A	Fixed PE terminal	8.15



GAX4204A

GAX1011A

GAX31A

These plastic enclosed switch disconnectors are available up to 160A and are also available in mild steel / stainless steel

Lovato

Eaton, previously Moeller, offer a choice of Base/DIN Rail Mounted, Door Mounted and Enclosed Switches. All versions conform to IEC 60204 and IEC 60947.

The Base/DIN Rail mounted version provide door interlocking. The Red/Yellow handles are padlockable in the OFF position.

All models are rated at IP65 and have a rated Insulation Voltage of 690VAC.

Door Mounted Isolators

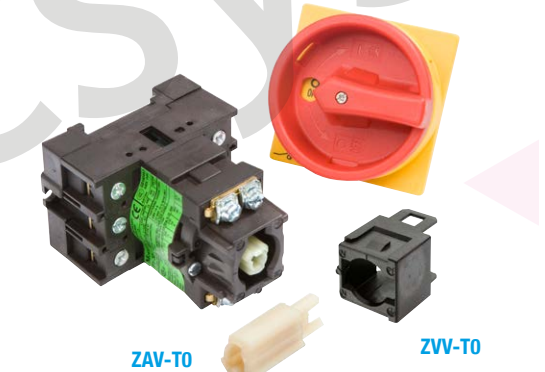
REF NO	Poles	Thermal Rating	PRICE
T0-1-102/EA/SVB	2	20A	23.10
T3-1-102/EA/SVB	2	32A	32.86
T5B-1-102/EA/SVB	2	63A	69.03
T5-1-102/EA/SVB	2	100A	86.52
T0-2-1/EA/SVB	3	20A	23.85
P1-25/EA/SVB	3	25A	30.30
P1-32/EA/SVB	3	32A	38.79
P3-63/EA/SVB	3	63A	63.25
P3-100/EA/SVB	3	100A	86.22

Base Mount Door Interlock Isolators

Base mount isolators may be DIN rail mounted or fixed directly to a back plate. A shaft connects the door mounted handle and isolator. A 25mm shaft is supplied with the unit and additional extensions/interlock extensions are available in 25mm sections.

REF NO	Poles	Thermal Rating	PRICE
T0-1-102/V/SVB	2	20A	25.84
T3-1-102/V/SVB	2	32A	35.61
T5B-1-102/V/SVB	2	63A	79.94
T0-2-1/V/SVB	3	20A	26.57
P1-25/V/SVB	3	25A	35.34
P1-32/V/SVB	3	32A	43.82
P3-63/V/SVB	3	63A	70.72
P3-100/V/SVB	3	100A	93.89

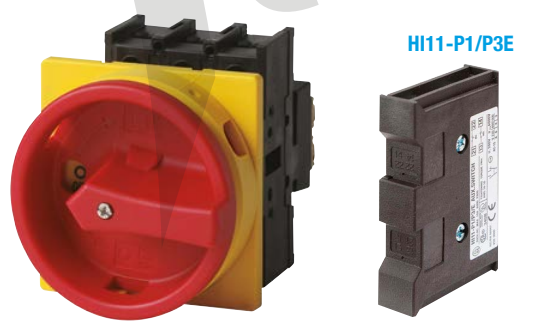
6 & 8 Pole versions also available
Auxiliaries cannot be fitted to T0 switches



Accessories for Base Mount Isolators

REF NO	Description	PRICE
N-P1Z	Add-on switched neutral for Base mounted P1 switches & Enclosed switches May be mounted on left or right side	6.92
N-P3Z	Add-on switched neutral for Base mounted P3 switches & Enclosed switches May be mounted on left or right side	11.64
HI11-P1/P3Z	Auxiliary Contact for base mounted switches and enclosed P1 & P3 switches	9.65
ZAV-T0	Plug-in shaft extension for T0, T3 & P1 switches	0.68
ZVV-T0	Plug-in interlock extension for above (ZAV-T0 & ZVV-T0 must be used in equal quantities to provide additional 25mm of shaft)	1.05
ZAV-P3	Plug-in shaft extension for T5(B) & P3 switches	1.05
ZVV-P3	Plug-in interlock extension for above (ZAV-P3 & ZVV-P3 must be used in equal quantities to provide additional 25mm of shaft)	1.88

6 & 8 Pole versions also available
Auxiliaries cannot be fitted to T0 switches



Accessories for P1 & P3 Isolators

REF NO	Description	PRICE
HI11-P1/P3E	Auxiliary Contact for door mounted switches	9.65
N-P1E	Add-on switched neutral for door mounted P1 switches. May be mounted on left or right side	6.92
N-P3E	Add-on switched neutral for door mounted P3 switches. May be mounted on left or right side	11.64



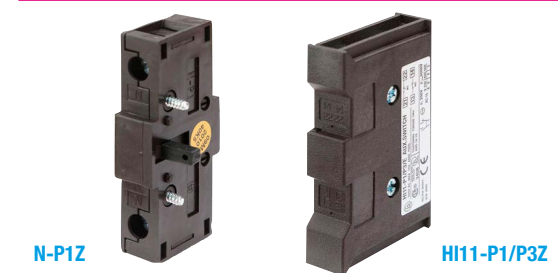
IP65 Enclosed Isolators - Polycarbonate

REF NO	Poles	Dimensions (mm) W x H x D	Thermal Rating	PRICE
T0-1-102/I1/SVB	2	80 x 137 x 102	20A	25.78
T3-1-102/I2/SVB	2	100 x 180 x 113	32A	41.15
T5B-1-102/I4/SVB	2	160 x 240 x 169	63A	75.34
T5-1-102/I5/SVB	2	200 x 280 x 169	100A	131.75
T0-2-1/I1/SVB	3	80 x 137 x 110	20A	26.49
P1-25/I2H/SVB	3	100 x 160 x 113	25A	33.00
P1-32/I2H/SVB	3	100 x 160 x 113	32A	41.53
P3-63/I4/SVB	3	160 x 240 x 124	63A	79.61
P3-100/I5/SVB	3	200 x 280 x 124	100A	136.92
T0-3-8342/I1/SVB	6	80 x 137 x 122	20A	37.81
T3-3-8342/I2H/SVB	6	100 x 180 x 135	32A	63.88
T5B-3-8342/I4/SVB	6	160 x 240 x 204	63A	117.83
T5-3-8342/I5/SVB	6	200 x 280 x 204	100A	195.30

Dimensions shown above include handle depth
8 Pole and metallic versions are also available
Auxiliaries cannot be fitted to T0 switches

Accessories for Enclosed Isolators

REF NO	Description	PRICE
N-P1Z	Add-on switched neutral for Base mounted P1 switches & Enclosed switches can be mounted on left or right side	6.92
N-P3Z	Add-on switched neutral for Base mounted P3 switches & Enclosed switches can be mounted on left or right side	11.64
HI11-P1/P3Z	Auxiliary Contact for base mounted switches and enclosed P1 & P3 switches	9.65



IP65 Enclosed Changeover Switches Centre Off - Plastic

REF NO	Poles	Dimensions (mm) W x H x D	Thermal Rating	PRICE
T0-3-8212/I1	3	80 x 137 x 122	20A	27.77
T3-3-8212/I2	3	100 x 180 x 133	32A	58.76
T5B-3-8212/I4	3	160 x 240 x 204	63A	116.91
T5-3-8212/I5	3	200 x 280 x 204	100A	186.82
T0-4-8213/I1	4	80 x 137 x 122	20A	37.39
T3-4-8213/I2	4	100 x 180 x 133	32A	68.78
T5B-4-8213/I4	4	160 x 240 x 204	63A	130.05
T5-4-8213/I5	4	200 x 280 x 204	100A	220.77

Dimensions shown above include handle depth
1 & 2 Pole versions also available.
Without Off Version available on request
Auxiliaries cannot be fitted to T0 switches.



Metal Shaft, Switch and Handle Combinations

These base mount isolators may be DIN rail mounted or fixed directly to a back plate. These combination packs include a 400mm metal shaft, red/yellow handle and the switch. Alternative options are also available and they can be ordered as individual components

REF NO	Poles	Thermal Rating	PRICE
P1-25/M4/SVB	3	25A	34.52
P1-32/M4/SVB	3	32A	40.22
P3-63/M4/SVB	3	63A	55.43

The Kraus & Naimer isolators are available as base mounting or door mounting. They comply with IEC 60947, IEC 60204, BS EN 60947 and BS EN 60204 and have a rated insulation voltage of 690V. Handles are rated at IP65.

Switches are supplied complete with a handle and in the case of the base mounted switch, a 200mm shaft is also included.

Base or DIN Rail Mounted Switch - 3 Pole

REF NO	Poles	Thermal Current Rating	PRICE
KG10A T203/GBA430 VE	3	20A	21.90
KG20A T203/GBA430 VE	3	25A	24.90
KG32A T203/GBA430 VE	3	32A	28.65
KG41B T203/GBA430 VE	3	40A	35.90
KG64B T203/GBA430 VE	3	63A	42.16
KG80 T203/GBA430 VE	3	80A	55.37
KG100 T203/GBA430 VE	3	100A	66.37
KG125 T203/GBA050 VE	3	125A	116.04
KG160 T203/GBA050 VE	3	160A	143.44
KG210 T203/GBA015 VE	3	200A	172.49
KG250 T203/GBA015 VE	3	250A	186.19
KG315 T203/GBA015 VE	3	315A	232.77

Auxiliaries for Base Mounted Switches

REF NO	Description	PRICE
K0 H010/A11-VE	1 x N/O, 1 x N/C Auxiliary for KG20A & KG32A; Rated at 10A; AC-21A	8.88
K1 H010/A11-VE	1 x N/O, 1 x N/C Auxiliary for KG41A & KG64A; Rated at 16A; AC-21A	9.59
K2 H010/A11-VE	1 x N/O, 1 x N/C Auxiliary for KG80 to KG105; Rated at 16A; AC-21A	12.44
K3A H010/A21-VE	2 x N/O, 1 x N/C Auxiliary for KG125 to KG160; Rated at 16A; AC-21A	18.84
K3 H010/A21-VE	2 x N/O, 1 x N/C Auxiliary for KG210 to KG315; Rated at 16A; AC-21A	18.84



Terminal Covers for Base Mounted Switches

REF NO	Description	PRICE
S0 M160/A12 K2	3 Pole Cover to KG10A	3.55
K0 M160/3	3 Pole Cover to KG20A&B/KG32A&B	1.42
K1 M160/3	3 Pole Cover to KG41B/KG64B	1.78
K2 M160/3	3 Pole Cover to KG80/KG100	2.48
K3 M160/32	3 Pole Cover to KG125/KG160	4.26
K3 M160/30	3 Pole Cover to KG210/KG315	6.92
S0 M160/A12 K2	4 Pole Cover for KG10A	3.55
K0 M160/4	4 Pole Cover to KG20A&B/KG32A&B	1.78
K1 M160/4	4 Pole Cover to KG41B/KG64B	2.31
K2 M160/4	4 Pole Cover to KG80/KG100	3.20
K3 M160/42	4 Pole Cover to KG125/KG160	5.68
K3 M160/40	4 Pole Cover to KG210/KG315	9.24



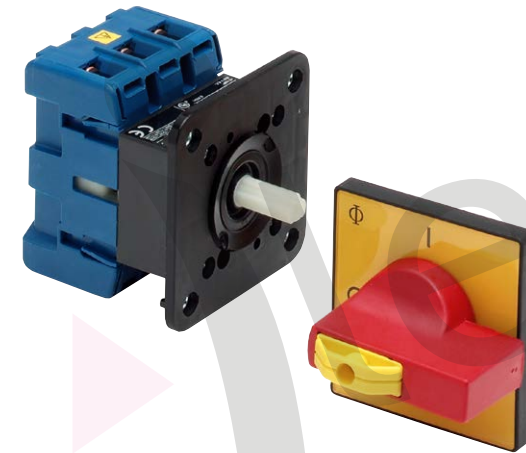
Switch front for KG10A - KG160



Switch front for KG210 - KG315

Door Mounted Switches - 3 Pole

REF NO	Poles	Thermal Current Rating	PRICE
KG10A T203/01E	3	20A	12.77
KG20A T203/01E	3	25A	17.50
KG32A T203/01E	3	32A	21.25
KG41B T203/GBA306E	3	40A	26.15
KG64B T203/GBA306E	3	63A	32.41
KG80 T203/GBA306E	3	80A	45.65
KG100 T203/GBA306E	3	100A	56.66
KG125 T203/01E	3	125A	102.48
KG160 T203/01E	3	160A	129.88
KG210 T203/05E	3	200A	158.92
KG250 T203/05E	3	250A	172.63
KG315 T203/05E	3	315A	219.21



Door Mounted Switches - 4 Pole

REF NO	Poles	Thermal Current Rating	PRICE
KG10A T204/01E	4	20A	14.52
KG20A T204/01E	4	25A	22.50
KG32A T204/01E	4	32A	27.25
KG41B T204/01E	4	40A	34.25
KG64B T204/01E	4	63A	41.75
KG80 T204/01E	4	80A	56.13
KG100 T204/01E	4	100A	70.63
KG125 T204/01E	4	125A	130.98
KG160 T204/01E	4	160A	167.69
KG210 T204/05E	4	200A	203.59
KG250 T204/05E	4	250A	221.68
KG315 T204/05E	4	315A	283.60

Auxiliaries for Door Mounted Switches

REF NO	Description	PRICE
K0 H010/A11-E	1 x N/O, 1 x N/C Auxiliary for KG20A & KG32A; Rated at 10A; AC-21A	8.88
K1 H010/A11-E	1 x N/O, 1 x N/C Auxiliary for KG41A & KG64A; Rated at 16A; AC-21A	9.59
K2 H010/A11-E	1 x N/O, 1 x N/C Auxiliary for KG80 to KG105; Rated at 16A; AC-21A	12.44
K3A H010/A21-E	2 x N/O, 1 x N/C Auxiliary for KG125 to KG160; Rated at 16A; AC-21A	18.84
K3 H010/A21-E	2 x N/O, 1 x N/C Auxiliary for KG210 to KG315; Rated at 16A; AC-21A	18.84

Terminal Covers for Door Mounted Switches

REF NO	Description	PRICE
S0 M160/A12 K2	3 Pole Cover to KG10A	3.55
K0 M160/3	3 Pole Cover to KG20A&B/KG32A&B	1.42
K1 M160/3	3 Pole Cover to KG41B/KG64B	1.78
K2 M160/3	3 Pole Cover to KG80/KG100	2.48
K3 M160/32	3 Pole Cover to KG125/KG160	4.26
K3 M160/30	3 Pole Cover to KG210/KG315	6.92
S0 M160/A12 K2	4 Pole Cover for KG10A	3.55
K0 M160/4	4 Pole Cover to KG20A&B/KG32A&B	1.78
K1 M160/4	4 Pole Cover to KG41B/KG64B	2.31
K2 M160/4	4 Pole Cover to KG80/KG100	3.20
K3 M160/42	4 Pole Cover to KG125/KG160	5.68
K3 M160/40	4 Pole Cover to KG210/KG315	9.24



Kraus & Naimer Enclosed Switches are also available. Please contact us for information or visit our website www.ilecsys.co.uk

Distribution & Protection

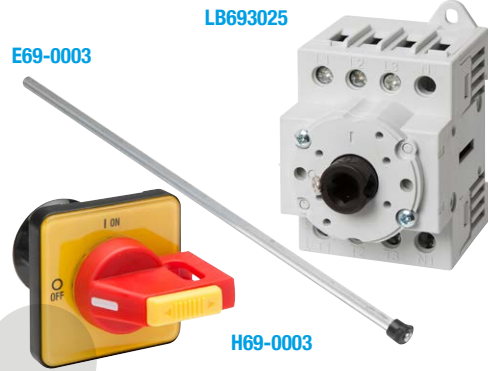
Distribution & Protection

Base or DIN Rail Mounted Switch - 4 Pole

REF NO	Poles	Thermal Current Rating	PRICE
KG10A T204/GBA450 VE	4	20A	22.90
KG20A T204/GBA450 VE	4	25A	29.65
KG32A T204/GBA450 VE	4	32A	34.40
KG41B T204/GBA450 VE	4	40A	42.40
KG64B T204/GBA450 VE	4	63A	49.90
KG80 T204/GBA450 VE	4	80A	65.88
KG100 T204/GBA450 VE	4	100A	80.38
KG125 T204/GBA100 VE	4	125A	144.54
KG160 T204/GBA100 VE	4	160A	181.26
KG210 T204/GBA020 VE	4	200A	217.15
KG250 T204/GBA020 VE	4	250A	235.23
KG315 T204/GBA020 VE	4	315A	297.17

The IMO 69 series isolator is available in 3 or 4 pole. They can be purchased as an enclosed unit, base mounted with door interlock or front panel mounted. The enclosed version is IP65.

The handles can be padlocked in 3 places.



Base Mount Door Interlock Isolators

REF NO	Poles	Thermal Rating	PRICE
LB693020	3	20A	20.48
LB693025	3	25A	22.19
LB693032	3	32A	24.02
LB693040	3	40A	24.75
LB693063	3	63A	34.14
LB693080	3	80A	37.54
LB694020	4	20A	25.61
LB694025	4	25A	27.65
LB694032	4	32A	28.96
LB694040	4	40A	29.84
LB694063	4	63A	40.09
LB694080	4	80A	43.50

Accessories

REF NO	Description	PRICE
H69-0001	Red/Yellow Handle 64mm x 64mm	4.79
H69-0003	Red/Yellow Handle 48mm x 48mm	4.79
E69-0003	Shaft - 300mm	1.20
E69-0004	Shaft - 400mm	2.41
A69-0001	Auxiliary Contacts 1 x N/O & 1 x N/C	8.36
A69-0002	Auxiliary Contacts 2 x N/O	8.76

Front Panel Mount Isolators

REF NO	Poles	Thermal Rating	PRICE
PM693020-RY64	3	20	21.29
PM693025-RY64	3	25	22.60
PM693032-RY64	3	32	23.75
PM693040-RY64	3	40	25.40
PM693063-RY64	3	63	29.60
PM693080-RY64	3	80	38.66
PM694020-RY64	4	20	26.72
PM694025-RY64	4	25	28.01
PM694032-RY64	4	32	29.01
PM694040-RY64	4	40	31.77
PM694063-RY64	4	63	37.21
PM694080-RY64	4	80	45.00



IP65 Enclosed Isolators - AC

REF NO	Description	PRICE
PE693020	3 Pole 16A Enclosed Isolator	25.61
PE693025	3 Pole 25A Enclosed Isolator	27.31
PE693032	3 Pole 32A Enclosed Isolator	28.10
PE693040	3 Pole 40A Enclosed Isolator	32.44
PE693063	3 Pole 63A Enclosed Isolator	56.31
PE693080	3 Pole 80A Enclosed Isolator	68.27
PE694020	4 Pole 16A Enclosed Isolator	32.44
PE694025	4 Pole 25A Enclosed Isolator	34.14
PE694032	4 Pole 32A Enclosed Isolator	36.89
PE694040	4 Pole 40A Enclosed Isolator	40.98
PE694063	4 Pole 63A Enclosed Isolator	71.68
PE694080	4 Pole 80A Enclosed Isolator	85.32



LK31 AT3

LK31 Isolators 125A - 630A

REF NO	AC21A le Amps	No. of Poles	Size (mm) H x W x D	PRICE
LK31 AT3	125	3	135 x 140 x 120	155.84
LK31 AT4	125	4	135 x 170 x 120	164.81
LK31 BC3	160	3	135 x 140 x 120	203.75
LK31 BC4	160	4	135 x 170 x 120	229.38
LK31 BG3	250	3	160 x 180 x 130	267.20
LK31 BG4	250	4	160 x 230 x 130	314.21
LK31 BJ3	315	3	235 x 230 x 165	POA
LK31 BJ4	315	4	235 x 290 x 165	525.17
LK31 BN3	400	3	235 x 230 x 165	POA
LK31 BN4	400	4	235 x 290 x 165	542.96
LK31 BS3	630	3	260 x 230 x 165	751.14
LK31 BS4	630	4	230 x 290 x 165	898.22



GS2 AH540

GS2 AE2

LK Isolator Accessories

REF NO	Description	PRICE
GS2 AH540	Red/Yellow Pistol Grip door interlock handle	29.13
GS2 AE22	200mm Shaft for LK31 AT3 - LK31 BS4	7.11
GS2 AE2	320mm Shaft for LK31 AT3 - LK31 BS4	7.85
GS2 AE21	400mm Shaft for LK31 AT3 - LK31 BS4	8.52
LA81 SATB	Upper or Lower Terminal Cover for LK31 AT3/4	8.75
LA82 SBPB1	Upper or Lower Terminal Cover for LK31 BC3	15.66
LA82 SBPB2	Upper or Lower Terminal Cover for LK31 BC4	16.73
LA82 SBPB3	Upper or Lower Terminal Cover for LK31 BG3	30.15
LA82 SBPB4	Upper or Lower Terminal Cover for LK31 BG4	31.26
LA82 SBPB5	Upper or Lower Terminal Cover for LK31-BJ30/BN30/BS30	31.26
LA82 SBPB6	Upper or Lower Terminal Cover for LK31-BJ40/BN40/BS40	32.36
GS1 AN11	1st Auxiliary Contacts 1 x N/O & 1 x N/C	29.10



LA82 SBPB1



GS1 AN11

The AC21 and AC23 rating of the LK31 isolators is the same with the exception of the LK31 BS3/LK31 BS4. The AC21 rating is 630A and the AC23 rating is 500A.

Monoblock Pilot Lights

NEW!



IP66/68/69K

Lovato

See page 256

The Schneider Fuse Switches are manually operated fuse combination switches. They break or switch off on load and provide safety isolation and protection against overcurrent for any low voltage electrical circuit.

The range covers 20 - 800A in 3 & 4 pole.

Door handles are interlocked and padlockable in 3 positions.

GS1 Fuse Switch 20A - 32A

REF NO	AC21	Poles	Dimensions (mm) H x W x D	Fuse Type	PRICE
GS1 DDB3	32A	3	98 x 96 x 98	A1	52.16
GS1 DDB4	32A	4	98 x 96 x 98	A1	68.23



GS1 DDB3

GS1 Fuse Switch Accessories

REF NO	Description	PRICE
GS2 AH520	Red/Yellow Pistol Grip door interlock handle	21.09
GS2 AE8	320mm Shaft for Pistol Grip Handle	8.32
GS2 AE81	400mm Shaft for Pistol Grip Handle	9.05
GS1 AM110	Auxiliary Contacts 1 x N/O	7.00
GS1 AM101	Auxiliary Contacts 1 x N/C	7.00



NITD4

BS88 NITD Fuselinks rated at 550VAC

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
NITD2	NIT	A1	55.4	44.5	2.84
NITD4	NIT	A1	55.4	44.5	2.84
NITD6	NIT	A1	55.4	44.5	2.84
NITD10	NIT	A1	55.4	44.5	2.84
NITD16	NIT	A1	55.4	44.5	2.84
NITD20	NIT	A1	55.4	44.5	3.17
NITD25	NIT	A1	55.4	44.5	3.59
NITD32	NIT	A1	55.4	44.5	3.59
NITD20M25	NIT	A1	55.4	44.5	3.95
NITD20M32	NIT	A1	55.4	44.5	3.95
NITD32M40	NIT	A1	55.4	44.5	7.80
NITD32M50	NIT	A1	55.4	44.5	7.80
NITD32M63	NIT	A1	55.4	44.5	8.25



GS2 AH520



GS2 AE8



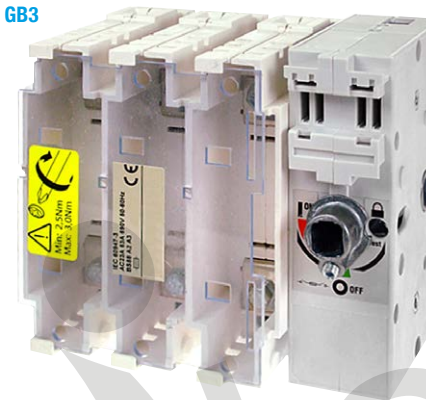
GS1 AM110

GS1 AM101

GS2 Fuse Switch 32A - 63A

REF NO	AC21	Poles	Dimensions (mm) H x W x D	Fuse Type	PRICE
GS2 DB3	32A	3	118 x 137 x 87	A1	54.38
GS2 DB4	32A	4	118 x 164 x 87	A1	79.83
GS2 GB3	63A	3	118 x 152 x 92.5	A2/A3	96.41
GS2-GB4	63A	4	118 x 184 x 92.5	A2/A3	128.49

GS2 GB3



GS2 Fuse Switch Accessories

REF NO	Description	PRICE
GS2 AH520	Red/Yellow Pistol Grip door interlock handle	21.09
GS2 AE2	320mm Shaft for Pistol Grip Handle	7.85
GS2 AE21	400mm Shaft for Pistol Grip Handle	8.52
GS1 AM110	Auxiliary Contacts 1 x N/O	7.00
GS1 AM101	Auxiliary Contacts 1 x N/C	7.00



GS2 AH520



GS2 AE2

The GS Fuse Switches on these pages have the facility to accept 2 x Auxiliary Contacts GS1 AM110 (Normally Open) or GS1 AM101 (Normally Closed)

Fuselink Type AAO rated at 550VAC

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
AAO20	TIA	A2	85	73	4.19
AAO25	TIA	A2	85	73	4.87
AAO32	TIA	A2	85	73	4.87



AAO FUSE

BS88 BAO Fuselinks rated at 550VAC

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
BAO40	TIS	A3	87	73	7.73
BAO50	TIS	A3	87	73	7.73
BAO63	TIS	A3	87	73	7.73



BAO40

Kryos³ IP54 Fans & Filters

See Our Full Range on Page 109



The Schneider GS Fuse Switches are manually operated fuse combination switches. They break or switch off on load and provide safety isolation and protection against overcurrent for any low voltage electrical circuit.

The range covers 20 - 800A in 3 & 4 pole.

Door handles are interlocked and padlockable in 3 positions.



GS2 JB3

GS2 Fuse Switch 100A - 400A

REF NO	AC21	Poles	Dimensions (mm) H x W x D	Fuse Type	PRICE
GS2 JB3	100	3	268 x 166 x 120	A4	135.57
GS2 JB4	100	4	268 x 202 x 120	A4	180.76
GS2 LLB3	160	3	268 x 206 x 145	A4	189.82
GS2 LLB4	160	4	268 x 256 x 145	A4	308.85
GS2 NB3	250	3	345 x 296 x 154	B1-B4	384.18
GS2 PPB3	315	3	355 x 278 x 157	B1-B4	373.62
GS2 QQB3	400	3	355 x 278 x 157	B1-B4	513.72

The GS Fuse Switches on these pages have the facility to accept a minimum of 2 x Auxiliary Contacts GS1 AM110 (Normally Open) or GS1 AM101 (Normally Closed). The 250A - 400A switches will take 4 auxiliaries.



GS2 AH540

GS2 AE2

GS2 Fuse Switch 100A - 400A Handle and Shafts

REF NO	Description	PRICE
GS2 AH540	Red/Yellow Pistol Grip handle for GS2 JB3 to GS2 QQB3	27.13
GS2 AE22	200mm Shaft for GS2 JB3 - GS2 QQB3	7.11
GS2 AE2	320mm Shaft for GS2 JB3 - GS2 QQB3	7.85
GS2 AE21	400mm Shaft for GS2 JB3 - GS2 QQB3	8.52



GS2 QQB3

Free Standing Neutral Bars

REF NO	Description	PRICE
BB00NB	160A Disconnectable Neutral Bar	11.05
BB0NDICON	250A Disconnectable Neutral Bar	13.25
BB1-2NDICON	500A Disconnectable Neutral Bar	22.15
BB3NDISCON	800A Disconnectable Neutral Bar	30.92



GS1 AP33

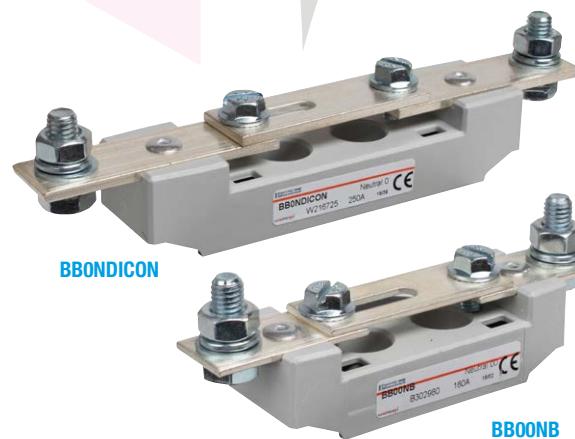
GS2 Fuse Switch 100A - 400A Shrouds and Auxiliary Switches

REF NO	Description	PRICE
GS1 AP33	Upper/Lower Terminal Shroud for GS2 JB3/GS2 LLB3	14.89
GS1 AP34	Upper/Lower Terminal Shroud for GS2 JB3/GS2 LLB3	26.11
GS1 AP43	Upper/Lower Terminal Shroud for GS2 NB3/GS2 PPB3/GS2 QQB3	10.97
GS1 AM110	Auxiliary Contacts 1 x N/O	7.00
GS1 AM101	Auxiliary Contacts 1 x N/C	7.00



GS1 AM110

GS1 AM101



BB0NDICON

BB00NB

Fuselink Type DEO

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
DEO125	TFP	A4	110	94	24.86
DEO160	TFP	A4	110	94	25.91
DEO200	TFP	A4	110	94	26.96



DEO200

Fuselink Type CD

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
CD80	TC	B1	126.5	111	14.49
CD100	TC	B1	126.5	111	14.49



CD80

Fuselink Type DD

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
DD125	TF	B2	136	111	25.29
DD160	TF	B2	136	111	25.57
DD200	TF	B2	136	111	26.69



DD160

Fuselink Type ED

REF NO	Ind Ref	BS Ref	Length (mm)	Fixing Centres	PRICE
ED250	TFK	B3/B4	136	113	33.92
ED315	TFK	B3/B4	136	113	35.42
ED355	TFK	B3/B4	136	113	41.86
ED400	TFK	B3/B4	136	113	46.31



ED315

The ABB OT Compact Disconnectors range from 16A to 125A and are available in 3,4,6 & 8 Pole. They conform to IEC60947-3, are user-friendly and flexible. The OT Switch-Disconnectors have a rated insulation voltage of 750V.

Switch with Internal Handle - 3 Pole

The OT disconnectors are supplied with an internal handle which is also used as the locator for a shaft when using the switch mounted on a base or DIN rail and door interlocked.

REF NO	Description	PRICE
OT16F3	3 pole - 16 Amp switch	16.53
OT25F3	3 pole - 25 Amp switch	18.59
OT40F3	3 pole - 40 Amp switch	21.12
OT63F3	3 pole - 63 Amp switch	30.44
OT80F3	3 pole - 80 Amp switch	32.23
OT100F3	3 pole - 100 Amp switch	55.32
OT125F3	3 pole - 125 Amp switch	77.90



OT63F3

Switch with Internal Handle - 4 Pole

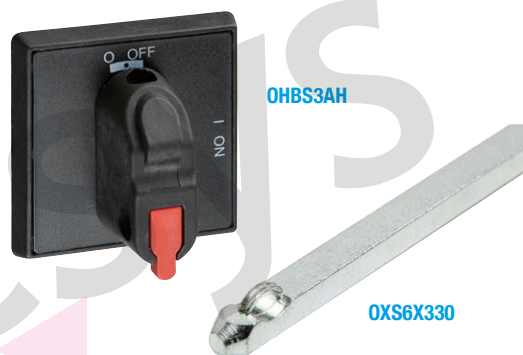
REF NO	Description	PRICE
OT16F4N2	4 pole - 16 Amp switch	21.60
OT25F4N2	4 pole - 25 Amp switch	22.95
OT40F4N2	4 pole - 40 Amp switch	25.81
OT63F4N2	4 pole - 63 Amp switch	37.36
OT80F4N2	4 pole - 80 Amp switch	42.32
OT100F4N2	4 pole - 100 Amp switch	69.26
OT125F4N2	4 pole - 125 Amp switch	96.66



OT63F4N2

Square Selector Handles & Shafts

REF NO	Description	PRICE
OHBS3AH	Black IP54 Handle for OT16 - OT125F Switches. Padlockable with 1 padlock	5.41
OHYS3AH	Red/Yellow IP54 Handle for OT16 - OT125F Switches. Padlockable with 1 padlock	5.41
OHBS2AJ	Black IP65 Handle for OT16 - OT125F Switches. Padlockable x 3. Defeatable	7.31
OHYS2AJ	Red/Yellow IP65 Handle for OT16 - OT125F Switches. Padlockable x 3. Defeatable	7.31
OXS6X160	6mm Shaft for OT16 - OT125F - 160mm long	3.18
OXS6X330	6mm Shaft for OT16 - OT125F - 330mm long	5.69



OHBS3AH

OXS6X330

Pistol Grip Handles & Shafts

REF NO	Description	PRICE
OHB45J6	Black Pistol Grip IP65 Handle for OT16 - OT125F Switches. Padlockable x 3. Defeatable	17.17
OHY45J6	Red/Yellow Pistol Grip IP65 Handle for OT16 - OT125F Switches. Padlockable x 3. Defeatable	17.17
OSP6X170	6mm Shaft for OT16 - OT125F - 170mm long	7.37
OSP6X400	6mm Shaft for OT16 - OT125F - 400mm long	7.37



OHY45J6

OSP6X400

Door Mounted Switches - 3 Pole

These switches are mounted directly on the door and therefore do not feature any interlock facility. Handle mounts directly onto the switch.

REF NO	Description	PRICE
OT16FT3	3 pole - 16 Amp switch	20.70
OT25FT3	3 pole - 25 Amp switch	25.88
OT40FT3	3 pole - 40 Amp switch	29.50
OT63FT3	3 pole - 63 Amp switch	33.45
OT80FT3	3 pole - 80 Amp switch	45.96
OT100FT3	3 pole - 100 Amp switch	73.71
OT125FT3	3 pole - 125 Amp switch	75.95



OTS63T3

Terminal Shrouds

REF NO	Description	PRICE
OTS40T3	3 Pole Shroud for OT16 - OT40	3.58
OTS63T3	3 Pole Shroud for OT63 - OT80	5.45
OTS125T3	3 Pole Shroud for OT100 - OT125	7.90
OTS40T1	Shroud for 4th Pole OT16 - OT40	2.45
OTS63T1	Shroud for 4th Pole OT63 - OT80	4.18
OTS125T1	Shroud for 4th Pole OT100 - OT125	7.90

Door Mounted Switches - 4 Pole

REF NO	Description	PRICE
OT16FT4N2	4 pole - 16 Amp switch	27.65
OT25FT4N2	4 pole - 25 Amp switch	33.15
OT40FT4N2	4 pole - 40 Amp switch	37.12
OT63FT4N2	4 pole - 63 Amp switch	43.52
OT80FT4N2	4 pole - 80 Amp switch	57.63
OT100FT4N2	4 pole - 100 Amp switch	93.22
OT125FT4N2	4 pole - 125 Amp switch	94.96



OA2G11



OT16FT3

OHYS2RJ

Auxiliaries

REF NO	Description	PRICE
OA2G11	1 x N/O; 1 x N/C Auxiliary mountable on either side of OT16 - OT125F switches but not mountable on the same side as 4th pole if applicable	10.11

Handles for Door Mounted Switches

REF NO	Description	PRICE
OHBS2RJ	Black 66mm Square IP65 Handle for OT16 - OT125F Switches. Padlockable x 3.	9.20
OHYS2RJ	Red/Yellow 66mm Square IP65 Handle for OT16 - OT125F Switches. Padlockable x 3.	9.20

The ABB Standard OT Disconnectors range from 200A to 3150A and are available in 3 & 4 Pole. They conform to IEC60947-3 and are supplied complete with a handle and shaft. The handle is IP65 and is padlockable in the OFF position and is door interlocked in the ON position.



OT200E03P

3 Pole Switch Disconnecter complete with Shaft and Handle - 200A & 250A

REF NO	Description	PRICE
OT200E03P	3 Pole 200A Isolator Handle on left. Supplied with 210mm long 6mm ² Shaft and OHB65J6 Handle 145.5mmW x 150mmH (inc terms) x 70mmD	134.93
OT200E12P	3 Pole 200A Isolator Handle between 1st and 2nd pole Supplied with 210mm long 6mm ² Shaft and OHB65J6 Handle 150.5mmW x 150mmH (inc terms) x 70mmD	137.81
OT250E03P	3 Pole 250A Isolator Handle on left. Supplied with 210mm long 6mm ² Shaft and OHB65J6 Handle 145.5mmW x 150mmH (inc terms) x 70mmD	206.91
OT250E12P	3 Pole 250A Isolator Handle between 1st and 2nd pole Supplied with 210mm long 6mm ² Shaft and OHB65J6 Handle 150.5mmW x 150mmH (inc terms) x 70mmD	194.55
OXP6X290	290mm long 6mm ² Shaft (if longer shaft required)	5.51
OTS250G1L/3	Terminal shrouds to cover 3 terminals on 200A and 250A Isolators	25.78

3 Pole Switch Disconnecter complete with Shaft and Handle 315A & 400A

REF NO	Description	PRICE
OT315E03P	3 Pole 315A Isolator Handle on left. Supplied with 185mm long 12mm ² Shaft and OHB95J12 Handle 191mmW x 185mmH (inc terms) x 85mmD	237.90
OT315E12P	3 Pole 315A Isolator Handle between 1st and 2nd pole Supplied with 185mm long 12mm ² Shaft and OHB95J12 Handle 196mmW x 185mmH (inc terms) x 85mmD	226.53
OT400E03P	3 Pole 400A Isolator Handle on left. Supplied with 185mm long 12mm ² Shaft and OHB95J12 Handle 191mmW x 185mmH (inc terms) x 85mmD	274.91
OT400E12P	3 Pole 400A Isolator Handle between 1st and 2nd pole Supplied with 185mm long 12mm ² Shaft and OHB95J12 Handle 196mmW x 185mmH (inc terms) x 85mmD	280.47
OXP12X325	325mm long 12mm ² Shaft (if longer shaft required)	12.30
OXP12X465	465mm long 12mm ² Shaft (if longer shaft required)	16.15
OTS400G1L/3	Terminal shrouds to cover 3 terminals on 315A and 400A Isolators	35.99



OT315E12P

OTS400G1L/3



OT630E12P



OTS800G1L/3

3 Pole Switch Disconnecter complete with Shaft and Handle 630A & 800A

REF NO	Description	PRICE
OT630E03P	3 Pole 630A Isolator Handle on left. Supplied with 185mm long 12mm ² Shaft and OHB125J12 Handle 266mmW x 250mmH (inc terms) x 114mmD	484.71
OT630E12P	3 Pole 630A Isolator Handle between 1st and 2nd pole Supplied with 185mm long 12mm ² Shaft and OHB125J12 Handle 266mmW x 250mmH (inc terms) x 114mmD	451.46
OT800E03P	3 Pole 800A Isolator Handle on left. Supplied with 185mm long 12mm ² Shaft and OHB125J12 Handle 266mmW x 250mmH (inc terms) x 114mmD	672.07
OXP12X325	325mm long 12mm ² Shaft (if longer shaft required)	12.30
OXP12X465	465mm long 12mm ² Shaft (if longer shaft required)	16.15
OTS800G1L/3	Terminal shrouds to cover 3 terminals on 630A and 800A Isolators	64.45

3 Pole Switch Disconnecter complete with Shaft and Handle 1000A - 1600A

REF NO	Description	PRICE
OT1000E03P	3 Pole 1000A Isolator Handle on left. Supplied with 280mm long 12mm ² Shaft and OHB274J12P Handle 335mmW x 306mmH (inc terms) x 127mmD	1184.74
OT1250E03P	3 Pole 1250A Isolator Handle on left. Supplied with 280mm long 12mm ² Shaft and OHB274J12P Handle 335mmW x 306mmH (inc terms) x 127mmD	1299.15
OT1600E03P	3 Pole 1600A Isolator Handle on left. Supplied with 280mm long 12mm ² Shaft and OHB274J12P Handle 335mmW x 372mmH (inc terms) x 127mmD	2003.10
OXP12X465	465mm long 12mm ² Shaft (if longer shaft required)	16.15
OTS1600G1L/3	Terminal shrouds to cover 3 terminals on 1000A to 1600A Isolators	43.44

Free Standing Disconnectable Neutral Links

REF NO	Description	PRICE
OXN250	250A Neutral Link for OT250 Switch	42.40
OXN400	400A Neutral Link for OT315-400 Switch	67.69
OXN800T	800A Neutral Link for OT630-800 Switch	106.45
OXN1250T	1250A Neutral Link for OT1000-1250 Switch	238.49



OXN400

Disconnect switches are available up to 3150A. Please contact us for further details

ABB offer a very wide range of Switch Fuses from 20A to 1250A rated at 690V. The switch fuses ensure safe operation, protecting both people and equipment. The fuse covers cannot be opened while the switch fuse is in the ON position and the double insulated handle ensures safety from the outside of the enclosure. Most switches are available with the switching mechanism at the end of the switch or between the poles and there is also a range of side operated switches. Switch Fuses are available for all types of fuse links including DIN, BS, NFC, UL & CSA. Models listed in this catalogue are for BS fuses.



OS20FB12A1

Fuse Switches 20 - 63A - Switch Mechanism Between Poles

The OS Switch Fuses are supplied with a shaft, handle and fuse covers.

REF NO	Description	PRICE
OS20FB12A1	3 Pole 20A switch with handle between poles. Supplied with 150mm Shaft & OHB65J6 Handle. Accepts A1 Fuses 106mmW x 97mmH x 95mmD	72.64
OS20FB22A1N1	4 Pole 20A switch with handle between poles. Supplied with 150mm Shaft & OHB65J6 Handle. Accepts A1 Fuses 142mmW x 97mmH x 95mmD	75.21
OS32FB12A1	3 Pole 32A switch with handle between poles. Supplied with 150mm Shaft & OHB65J6 Handle. Accepts A1 Fuses 106mmW x 97mmH x 95mmD	81.11
OS32FB22A1N1	4 Pole 32A switch with handle between poles. Supplied with 150mm Shaft & OHB65J6 Handle. Accepts A1 Fuses 142mmW x 97mmH x 95mmD	94.18
OS63GB12P	3 Pole 63A switch with handle between poles. Supplied with 161mm Shaft & OHB45J6 Handle. Accepts A2/A3 Fuses 114.5mmW x 112mmH x 108.5mmD	121.98
OS63GB22N1P	4 Pole 63A switch with handle between poles. Supplied with 161mm Shaft & OHB45J6 Handle. Accepts A2/A3 Fuses 138mmW x 112mmH x 108.5mmD	154.33
OSP6X265	265mm long 6mm ² Shaft (if longer shaft required)	5.52
OSP6X400	400mm long 6mm ² Shaft (if longer shaft required)	7.77

Fuse Switches 32 - 63A - Switch Mechanism on Left

The OS Switch Fuses are supplied with a shaft, handle and fuse covers.

REF NO	Description	PRICE
OS32GB03P	3 Pole 32A switch with handle on left. Supplied with 161mm Shaft & OHB45J6 Handle. Accepts A2/A3 Fuses 111.5mmW x 112mmH x 108.5mmD	82.80
OS32GB04N1P	4 Pole 32A switch with handle on left. Supplied with 161mm Shaft & OHB45J6 Handle. Accepts A2/A3 Fuses 135.5mmW x 112mmH x 108.5mmD	98.72
OS63GB03P	3 Pole 63A switch with handle on left. Supplied with 161mm Shaft & OHB45J6 Handle. Accepts A2/A3 Fuses 111.5mmW x 112mmH x 108.5mmD	132.15
OS63GB04N1P	4 Pole 63A switch with handle on left. Supplied with 161mm Shaft & OHB45J6 Handle. Accepts A2/A3 Fuses 135.5mmW x 112mmH x 108.5mmD	145.10



OS32GB03P

Fuse Switches 100A - 160A - Switch Mechanism Between Poles

The OS Switch Fuses 100A - 160A are supplied with a shaft, handle and fuse covers. Terminal covers are extra.

REF NO	Description	PRICE
OS100GB12P	3 Pole 100A switch with handle between poles. Supplied with 161mm Shaft & OHB65J6 Handle. Accepts A2-A4 Fuses 148mmW x 140mmH (inc terms) x 114.5mmD	167.29
OS100GB22N1P	4 Pole 100A switch with handle between poles. Supplied with 161mm Shaft & OHB65J6 Handle. Accepts A2-A4 Fuses 183mmW x 140mmH (inc terms) x 114.5mmD	214.52
OS125GB12P	3 Pole 125A switch with handle between poles. Supplied with 161mm Shaft & OHB65J6 Handle. Accepts A2-A4 Fuses 148mmW x 140mmH (inc terms) x 114.5mmD	232.76
OS125GB22N1P	4 Pole 125A switch with handle between poles. Supplied with 161mm Shaft & OHB65J6 Handle. Accepts A2-A4 Fuses 183mmW x 140mmH (inc terms) x 114.5mmD	255.62
OS160GB12P	3 Pole 160A switch with handle between poles. Supplied with 161mm Shaft & OHB65J6 Handle. Accepts A2-A4 Fuses 148mmW x 140mmH (inc terms) x 114.5mmD	244.53
OS160GB22N1P	4 Pole 160A switch with handle between poles. Supplied with 161mm Shaft & OHB65J6 Handle. Accepts A2-A4 Fuses 183mmW x 140mmH (inc terms) x 114.5mmD	304.92



OS100GB12P

Accessories for OS32G - OS160G Switch Fuses

REF NO	Description	PRICE
OSP6X265	265mm long 6mm ² Shaft; (if longer shaft req)	5.52
OSP6X400	400mm long 6mm ² Shaft; (if longer shaft req)	7.77
OSS160GG1L/3	Terminal shouds to cover 3 terminals on 3 Pole 100 - 160A Switch Fuses	9.63
OSS160GG1L/4	Terminal shouds to cover 4 terminals on 4 Pole 100 - 160A Switch Fuses	12.85
OEA28	Auxiliary block holder for 8 Auxiliaries Mounts on left side of switch	12.47
OA1G01	Auxiliary Contact 1 x N/C. Use with OEA28	7.41
OA1G10	Auxiliary Contact 1 x N/O. Use with OEA28	7.41



OS100GB03P

Fuse Switches 100A - 160A - Switch Mechanism on Left

The OS Switch Fuses 100A - 160A are supplied with a shaft, handle and fuse covers. Terminal covers are extra.

REF NO	Description	PRICE
OS100GB03P	3 Pole 100A switch with handle on left. Supplied with 161mm Shaft & OHB65J6 Handle. Accepts A2-A4 Fuses 147mmW x 140mmH (inc terms) x 114.5mmD	154.22
OS100GB04N1P	4 Pole 100A switch with handle on left. Supplied with 161mm Shaft & OHB65J6 Handle. Accepts A2-A4 Fuses 182mmW x 140mmH (inc terms) x 114.5mmD	192.49
OS125GB03P	3 Pole 125A switch with handle on left. Supplied with 161mm Shaft & OHB65J6 Handle. Accepts A2-A4 Fuses 147mmW x 140mmH (inc terms) x 114.5mmD	205.64
OS125GB04N1P	4 Pole 125A switch with handle on left. Supplied with 161mm Shaft & OHB65J6 Handle. Accepts A2-A4 Fuses 182mmW x 140mmH (inc terms) x 114.5mmD	244.79
OS160GB03P	3 Pole 160A switch with handle on left. Supplied with 161mm Shaft & OHB65J6 Handle. Accepts A2-A4 Fuses 147mmW x 140mmH (inc terms) x 114.5mmD	240.13
OS160GB04N1P	4 Pole 160A switch with handle on left. Supplied with 161mm Shaft & OHB65J6 Handle. Accepts A2-A4 Fuses 182mmW x 140mmH (inc terms) x 114.5mmD	297.57



OA1G10

OEA28

Fuse Switches 200A - 250A Switch Mechanism Between Poles

The OS Switch Fuses 200A - 250A are supplied with a shaft, handle and fuse covers. Terminal covers are extra.

REF NO	Description	PRICE
OS200B12P	3 Pole 200A switch with handle between poles. Supplied with 210mm Shaft & OHB65J6 Handle. Accepts B1/B2 Fuses 176mmW x 199mmH (inc terms) x 130mmD	326.33
OS200B22N2P	4 Pole 200A switch with handle between poles. Supplied with 210mm Shaft & OHB65J6 Handle. Accepts B1/B2 Fuses 219mmW x 199mmH (inc terms) x 130mmD	376.71
OS250B12P	3 Pole 250A switch with handle between poles. Supplied with 210mm Shaft & OHB65J6 Handle. Accepts B1-B3 Fuses 206mmW x 193mmH (inc terms) x 154mmD	398.86
OS250B22N2P	4 Pole 250A switch with handle between poles. Supplied with 210mm Shaft & OHB65J6 Handle. Accepts B1-B3 Fuses 260mmW x 193mmH (inc terms) x 154mmD	466.13



OS200B03P

Fuse Switches 200A - 250A Switch Mechanism on Left

The OS Switch Fuses 200A - 250A are supplied with a shaft, handle and fuse covers. Terminal covers are extra

REF NO	Description	PRICE
OS200B03P	3 Pole 200A switch with handle on left. Supplied with 210mm Shaft & OHB65J6 Handle. Accepts B1/B2 Fuses 177mmW x 199mmH (inc terms) x 130mmD	312.62
OS200B04N2P	4 Pole 200A switch with handle on left. Supplied with 210mm Shaft & OHB65J6 Handle. Accepts B1/B2 Fuses 220mmW x 199mmH (inc terms) x 149mmD	387.84
OS250B03P	3 Pole 250A switch with handle on left. Supplied with 210mm Shaft & OHB65J6 Handle. Accepts B1-B3 Fuses 208mmW x 193mmH (inc terms) x 154mmD	398.86
OS250B04N2P	4 Pole 250A switch with with handle on left. Supplied with 210mm Shaft & OHB65J6 Handle. Accepts B1-B3 Fuses 262mmW x 193mmH (inc terms) x 154mmD	466.13

Accessories for OS200G - OS250G Switch Fuses

REF NO	Description	PRICE
OSP6X265	265mm long 6mm ² Shaft (if longer shaft req)	5.52
OSP6X400	400mm long 6mm ² Shaft (if longer shaft req)	7.77
OSS200G1L/3	Terminal shouds to cover 3 terminals on 3 Pole 200A Switch Fuse	22.38
OSS200G1L/4	Terminal shouds to cover 4 terminals on 4 Pole 200A Switch Fuse	29.82
OSS250G1L/3	Terminal shouds to cover 3 terminals on 3 Pole 250A Switch Fuse	24.10
OSS250G1L/4	Terminal shouds to cover 4 terminals on 4 Pole 250A Switch Fuse	32.11
OEA28	Auxiliary block holder for 8 Auxiliaries Mounts on left side of switch	12.47
OA1G01	Auxiliary Contact 1 x N/C. Use with OEA28	7.41
OA1G10	Auxiliary Contact 1 x N/O. Use with OEA28	7.41



OS200B12P



OA1G10



OEA28

4 x Auxiliary Contact Blocks can also be mounted under the switch mechanism cover without the need of the block holder.

Fuse Switches 315A - 1250A Switch Mechanism Between Poles

The OS Switch Fuses 315A - 800A are supplied with a shaft, handle and fuse covers. Terminal covers are extra.

REF NO	Description	PRICE
OS315B12P	3 Pole 315A switch with handle between poles. Supplied with 250mm 12mm ² Shaft & OHB95J12 Handle. Accepts B1-B4 Fuses 254mmW x 230mmH (inc terms) x 176mmD	452.70
OS315B22N2P	4 Pole 315A switch with handle between poles. Supplied with 250mm 12mm ² Shaft & OHB95J12 Handle. Accepts B1-B4 Fuses 318mmW x 230mmH (inc terms) x 176mmD	648.68
OS400B12P	3 Pole 400A switch with handle between poles. Supplied with 250mm 12mm ² Shaft & OHB95J12 Handle. Accepts B1-B4 Fuses 254mmW x 230mmH (inc terms) x 176mmD	594.91
OS400B22N2P	4 Pole 400A switch with handle between poles. Supplied with 250mm 12mm ² Shaft & OHB95J12 Handle. Accepts B1-B4 Fuses 318mmW x 230mmH (inc terms) x 176mmD	788.37
OS630B12P	3 Pole 630A switch with handle between poles. Supplied with 280mm 12mm ² Shaft & OHB145J12 Handle. Accepts C1/C2 Fuses 341mmW x 306mmH (inc terms) x 233mmD	1134.98
OS630B22N2P	4 Pole 630A switch with handle between poles. Supplied with 280mm 12mm ² Shaft & OHB145J12 Handle. Accepts C1/C2 Fuses 429mmW x 306mmH (inc terms) x 233mmD	1363.06
OS800B12P	3 Pole 800A switch with handle between poles. Supplied with 280mm 12mm ² Shaft & OHB145J12 Handle. Accepts C1-C3 Fuses 341mmW x 306mmH (inc terms) x 233mmD	1460.94
OS1250B12P	3 Pole 1250A switch with handle between poles. Supplied with 395mm 12mm ² Shaft & OHB200J12 Handle. Accepts D1 Fuses 432mmW x 346mmH (inc terms) x 294mmD	1717.19



OS315B03P



Fuse Switches 315A - 800A Switch on Left

The OS Switch Fuses 315A - 800A are supplied with a shaft, handle and fuse covers. Terminal shroud covers are extra.

REF NO	Description	PRICE
OS315B03P	3 Pole 315A switch with handle between poles. Supplied with 250mm 12mm ² Shaft & OHB95J12 Handle. Accepts B1-B4 Fuses 254mmW x 230mmH (inc terms) x 176mmD	452.70
OS315B04N2P	4 Pole 315A switch with handle between poles. Supplied with 250mm 12mm ² Shaft & OHB95J12 Handle. Accepts B1-B4 Fuses 318mmW x 230mmH (inc terms) x 176mmD	648.68
OS400B03P	3 Pole 400A switch with handle between poles. Supplied with 250mm 12mm ² Shaft & OHB95J12 Handle. Accepts B1-B4 Fuses 254mmW x 230mmH (inc terms) x 176mmD	597.09
OS400B04N2P	4 Pole 400A switch with handle between poles. Supplied with 250mm 12mm ² Shaft & OHB95J12 Handle. Accepts B1-B4 Fuses 318mmW x 230mmH (inc terms) x 176mmD	760.04
OS630B03P	3 Pole 630A switch with handle between poles. Supplied with 280mm 12mm ² Shaft & OHB145J12 Handle. Accepts C1/C2 Fuses 341mmW x 306mmH (inc terms) x 233mmD	980.00
OS630B04N2P	4 Pole 630A switch with handle between poles. Supplied with 280mm 12mm ² Shaft & OHB145J12 Handle. Accepts C1/C2 Fuses 429mmW x 306mmH (inc terms) x 233mmD	1210.86
OS800B03P	3 Pole 800A switch with handle between poles. Supplied with 280mm 12mm ² Shaft & OHB145J12 Handle. Accepts C1-C3 Fuses 341mmW x 306mmH (inc terms) x 233mmD	1395.41
OS800B04N2P	4 Pole 800A switch with handle between poles. Supplied with 280mm 12mm ² Shaft & OHB145J12 Handle. Accepts C1-C3 Fuses 341mmW x 306mmH (inc terms) x 233mmD	1886.77



Terminal Shrouds for 315A - 1250A Switch Fuses

REF NO	Description	PRICE
OSS400G1L/3	Shrouds for 3 Pole 315A & 400A Switches	26.60
OSS400G1L/4	Shrouds for 4 Pole 315A & 400A Switches	35.42
OSS800G1L/3	Shrouds for 3 Pole 600A & 800A Switches	47.92
OSS800G1L/4	Shrouds for 4 Pole 600A & 800A Switches	59.85
OSS1250G1L/3	Shrouds for 3 Pole 1250A Switches	53.96
OSS1250G1L/4	Shrouds for 4 Pole 1250A Switches	67.11

Distribution & Protection

Distribution & Protection

ABB offer a wide range of enclosed switch disconnectors that range from 20A to 800A.

The enclosures are IP65 rated, powder coated steel finished in RAL7035, with top and bottom removable gland plates. Feature a hinged lid with lock and padlockable pistol grip handle as standard.

All 3 pole switches include detachable neutral link (OT160 solid link).



OT32FP-A

IP65 Steel Enclosed Switch Disconnectors 4 Pole

REF NO	Poles	Dimensions (mm) H x W x D	Thermal Rating	PRICE
OT20FP-A	4	300 x 200 x 150	20A	126.92
OT32FP-A	4	300 x 200 x 150	32A	151.60
OT63FP-A	4	300 x 300 x 150	63A	251.31
OT100FP-A	4	400 x 300 x 115	100A	379.15
OT125FP-A	4	400 x 300 x 150	125A	399.73
OT160FP-A	4	500 x 400 x 200	160A	619.54
OT200FP-A	4	500 x 400 x 200	200A	696.19
OT315FP-A	4	500 x 400 x 200	315A	801.80
OT400FP-A	4	500 x 400 x 200	400A	1129.95
OT630FP-A	4	600 x 400 x 250	630A	1473.21
OT800FP-A	4	600 x 400 x 250	800A	1839.14



OT32TPN-A

IP65 Steel Enclosed Switch Disconnectors 3 Pole + Neutral

REF NO	Poles	Dimensions (mm) H x W x D	Thermal Rating	PRICE
OT20TPN-A	3+N	300 x 200 x 150	20A	116.26
OT32TPN-A	3+N	300 x 200 x 150	32A	141.63
OT63TPN-A	3+N	300 x 300 x 150	63A	230.57
OT100TPN-A	3+N	400 x 300 x 150	100A	362.08
OT125TPN-A	3+N	400 x 300 x 150	125A	388.21
OT160TPN-A	3+N	500 x 400 x 200	160A	595.03
OT200TPN-A	3+N	500 x 400 x 200	200A	651.11
OT315TPN-A	3+N	500 x 400 x 200	315A	746.83
OT400TPN-A	3+N	500 x 400 x 200	500A	1064.12
OT630TPN-A	3+N	600 x 400 x 250	630A	1322.11
OT800TPN-A	3+N	600 x 400 x 250	800A	1726.85



OA1G10

OA2G11

Side Mount Auxiliary Contacts for Enclosed OT Switch Disconnectors

REF NO	Description	PRICE
OA1G10	Auxiliary Contact 1 x N/O	7.41
OA1G01	Auxiliary Contact 1 x N/C for OT20-125 only	7.41
OA3G01	Auxiliary Contact 1 x N/C for OT200 and above	7.41
OA2G11	Auxiliary Contact 1 x N/O & 1 x N/C for OT20-125 only	10.11

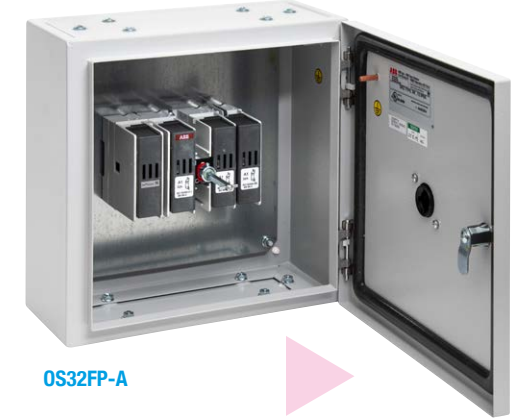
ABB offer a wide range of enclosed fused switch disconnectors that range from 20A to 800A.

All switches are supplied with fuses.

Switches upto 63A the incoming terminals are rated to IP20, switches 100A and above, are supplied with incoming terminal shrouds.

The enclosures are IP65 rated, powder coated steel finished in RAL7035, with top and bottom removable gland plates. Feature a hinged lid with lock and padlockable pistol grip handle as standard.

All 3 pole switches include detachable neutral link (OT160 solid link).



OS32FP-A



OS32TPN-A

IP65 Steel Enclosed Fused Switches 3 Pole + Neutral

REF NO	Poles	Dimensions (mm) H x W x D	Fuse type	Thermal Rating	PRICE
OS20TPN-A	3+N	300 x 300 x 150	A1	20A	161.49
OS32TPN-A	3+N	300 x 300 x 150	A2	32A	211.67
OS63TPN-A	3+N	400 x 300 x 150	A2/A3	63A	357.87
OS100TPN-A	3+N	400 x 300 x 150	A2/A3	100A	606.31
OS125TPN-A	3+N	400 x 300 x 150	A2/A3	125A	655.73
OS160TPN-A	3+N	500 x 400 x 200	A3/A4	160A	703.42
OS200TPN-A	3+N	600 x 400 x 250	B1/B2	200A	887.21
OS315TPN-A	3+N	600 x 400 x 250	B1/B4	315A	1056.27
OS400TPN-A	3+N	600 x 400 x 250	B1/B4	400A	1681.38
OS630TPN-A	3+N	600 x 600 x 300	C1/C2	630A	2470.38
OS800TPN-A	3+N	800 x 600 x 300	C1/C2	800A	3092.49

IP65 Enclosed Fuse Switch - Steel 4 Pole

REF NO	Poles	Dimensions (mm) H x W x D	Fuse type	Thermal Rating	PRICE
OS20FP-A	4	300 x 300 x 150	A1	20A	181.18
OS32FP-A	4	300 x 300 x 150	A2	32A	226.64
OS63FP-A	4	400 x 300 x 150	A2/A3	63A	379.17
OS100FP-A	4	400 x 300 x 150	A2/A3	100A	695.65
OS125FP-A	4	400 x 300 x 150	A2/A3	125A	726.58
OS160FP-A	4	500 x 400 x 200	A3/A4	160A	839.37
OS200FP-A	4	600 x 400 x 250	B1/B2	200A	1040.22
OS315FP-A	4	600 x 400 x 250	B1/B4	315A	1263.23
OS400FP-A	4	600 x 400 x 250	B1/B4	400A	1880.12
OS630FP-A	4	600 x 600 x 300	C1/C2	630A	2686.18
OS800FP-A	4	800 x 600 x 300	C1/C2	800A	3487.56



OA1G10

OA2G11

Side Mount Auxiliary Contacts for Enclosed OS Fused Switches

REF NO	Description	PRICE
OA1G10	Auxiliary Contact 1 x N/O	7.41
OA3G01	Auxiliary Contact 1 x N/C	7.41
OA2G11	Auxiliary Contact 1 x N/O & 1 x N/C	7.41
OA4B1C	Changeover Contact 1 x C/O for OS20 & OS32 only	11.39
OSZ4	Mounting frame to fit OA1/OA3 Auxiliaries on left side of OS20/OS32 switches	4.63