

Load Break Switches

- According to BS EN60947-3
- High Thermal & Dynamic Strength
- Fully rated – suitable for distribution & motor loads
- Auxiliary contacts also available
- Fully Visible Breaking
- Arduous categories of application (AC22-AC23)
- High resistance to humidity
- Ratings available up to 3150A on request

Thermal Rating (A)	AC23 (415V) Rating (A)	AC23 (415V) Rating (kW)	3 Pole Part Reference	Price Each £	4 Pole Part Reference	Price Each £
40	40	18.5	2800 3004	16.12	2800 4004	17.85
63	63	30	2800 3006	21.74	2800 4006	28.05
80	80	40	2800 3008	25.15	2800 4008	31.62
100	100	51	2800 3010	28.82	2800 4010	37.86
125	125	63	2800 3014	46.62	2800 4014	54.84
160	160	80	2800 3017	81.07	2800 4017	90.28
200	200	100	2800 3021	85.13	2800 4021	96.25
250	250	132	2800 3028	100.77	2800 4028	116.55
315	315	160	2800 3032	120.47	2800 4032	146.27
400	400	220	2800 3041	134.95	2800 4041	161.59
500	400	280	2800 3061	152.95	2800 4061	205.35
630	500	280	2800 3064	257.00	2800 4064	300.89

Accessories for Load Break Switches

Terminal Shrouds

Shroud Rating (A)	IP Side	Rating	3 Pole Part Reference	Price Each £	4 Pole Part Reference	Price Each £
40-63	top or bottom	Screen	2888 3006	2.99	2888 3006	2.99
80-100	top or bottom	20	2884 4008	4.46	2884 4008	4.46
125-160	top or bottom	20	2884 3014	8.35	2884 4014	8.94
200-250	top or bottom	20	2884 3021	15.95	2884 4021	16.54
315-630	top or bottom	20	2884 3061	16.54	2884 4061	17.13

Handles

Description	To suit switch rating	Handle colour	Part Reference	Price Each £
Door Interlocking Handle	40-100A	Black (IP54)	2889 5125	11.31
Door Interlocking Handle	40-100A	Red (IP54)	2889 5123	11.94
Door Interlocking Handle	125-630A	Black (IP54)	3829 7716	13.04
Door Interlocking Handle	125-630A	Red (IP65)	3829 7418	17.60

Shaft Extensions

Rating (A)	Shaft Length	Max Dimension (Backplate to door)				Part Reference	Price Each £
		40-100A	125-160A	200-250A	315-630A		
40-100	200mm	300mm				2889 3003	3.59
	300mm	400mm				2889 3023	4.48
	450mm	550mm				2889 3014	9.68
125-630	120mm		155mm	166mm	N/A	2799 3042	2.83
	120mm		N/A	N/A	200mm	2799 3043	2.83
	200mm		236mm	246mm	280mm	3999 3004	6.06
	250mm		286mm	296mm	330mm	3999 3005	6.56
	320mm		356mm	366mm	400mm	3999 3013	9.32
	500mm		536mm	546mm	580mm	3999 3018	12.42
	750mm		786mm	796mm	830mm	3999 3075	21.42

Enclosed Load Break Switches

AC23(415V) Rating (A)	Enclosure Dimensions			No. of Poles	Part Reference	Price Each
	H	W	D			
20	300	270	150	TPN	26E5 3002	59.80
20	300	270	150	4	26E5 4002	71.76
32	300	270	150	TPN	26E5 2003	68.64
32	300	270	150	4	26E5 4003	82.16
63	300	270	150	TPN	26E5 3006	102.96
63	300	270	150	4	26E5 4006	119.60
100	300	270	150	TPN	26E5 3010	165.36
100	300	270	150	4	26E5 4010	182.00
160	300	270	150	TPN	26E5 3016	218.40
160	300	270	150	4	26E5 4016	234.00
200	300	270	150	TPN	26E5 3020	265.20
200	300	270	150	4	26E5 4020	280.80
250	395	320	175	TPN	26E5 3025	306.80
250	395	320	175	4	26E5 4025	322.40
400	600	450	275	TPN	26E5 3040	514.80
400	600	450	275	4	26E5 4040	530.40
630	600	450	275	TPN	26E5 3063	624.00
630	600	450	275	4	26E5 4063	676.00
800	750	550	300	TPN	26E5 3080	780.00
800	750	550	300	4	26E5 4080	832.00



Accessories for Load Break Switches

		Part Reference	Price Each
Cable Extension Box IP65 (gland plate utilised from Load break switch)	320x275x175 to suit 160-200A	XBE6 0003	62.40
	450x275x275 to suit 250-400A	XEB6 0004	93.60
	550x275x375 to suit 630-800A	XEB6 0005	109.20
Pre-break aux contact	1NO+1NC 10A to suit 20A-100A	2419 0001	4.89
Pre-break aux contact	1NO/1NC 5A to suit 160-200A	2599 0001	6.75
Pre-break aux con. 1 st on	1NO/1NC 16A to suit 250-1250A	2699 0031	9.75
Pre-break aux con. 2 nd on	1NO/1NC 16A to suit 250-1250A	2699 0032	9.75
Pre-break aux contact	3NO+3NC 15A to suit 250-1250A	2699 0141 (1 off)	16.22
		2699 0142 (2off)	12.75
Outgoing terminal shrouds 3-pole IP20 as standard	to suit 160-200A switch	2594 4020	1.82
	to suit 250A switch	2694 3021	15.94
	to suit 400-630A switch	2694 3051	16.54
3-pole terminal screen	to suit 800-1250A switch	2698 3080	8.57
Outgoing terminal shrouds 4-pole IP20 as standard	to suit 160-200A switch	2594 4020	1.82
	to suit 250A switch	2694 4021	16.54

Switches

Section 1

	to suit 400-630A switch	2694 4051	17.13
4-pole terminal screen	to suit 800-1250A switch	2698 4080	10.34



Rotary Switches & Isolator Fuse Combination Switches

AC22 (415v) Rating (A)	AC23 (415V) Rating (A)	AC23 (415V) Rating (KW)	BS88 Fuse Size	3 Pole Part Ref	Price Each	4 Pole Part Ref	Price Each
32	32	15	A1	3841 3003	26.80	3841 6003	38.92
63	63	30	A2-A3	3841 3006	46.98	3841 6006	65.04
100	100	55	A4	3841 3010	73.10	3841 6010	104.69
160	160	80	A4	3841 3015	112.24	3841 6015	148.58
160	160	80	B1-B2	3841 3016	132.04	3841 6016	166.59
200	200	110	B1-B2	3841 3021	146.81	3841 6021	201.58
250	250	140	B1-B3	3841 3024	202.13	3841 6024	311.96
315	315	160	B1-B3	3841 3032	239.84	3841 6032	358.04
400	400	220	B1-B4	3841 3039	313.92	3841 6039	426.12
630	630	375	C1-C2	3841 3063	535.07	3841 6063	615.94
800	800	475	C1-C3	3841 3080	653.43	3841 6080	724.13

Switches with test position as standard

Accessories for Fuse Combination Switches

Terminal Shrouds

Rating (A)	Shroud Side	IP Rating	Part Ref. (3-Pole)	Price Each	Part Ref. (4-Pole)	Price Each
100-160	Top or bottom	20	3998 3016	5.59	3998 4016	6.20
200-400	Top or bottom	20	3998 3025	7.74	3998 4025	8.99
630-800	Top or bottom	20	3898 3080	21.74	3898 4080	27.92
Handles						
Description	Switch Rating (A)	Handle Colour	Part Reference		Price Each	
Door Interlocked handles (c/w defeatable facility)	32-63	Black (IP54) Red-Yellow (IP65)	3629 7706		10.86	
	100-400	Black (IP54) Red-Yellow (IP65)	3629 7408		12.59	
Door interlocked handles (c/w defeatable facility Padlockable in both positions)	32-63	Black (IP65)	3629 7716		13.04	
	80-400	Black(IP65)	3629 7418		17.60	
Door interlocked non- defeatable handles	32-63	Black (IP65)	3629 7206		16.78	
	80-400	Black(IP65)	3629 7216		18.95	
Door interlocked non- defeatable handles	630-800	Black (IP54) Red-Yellow(IP54)	3899 5125		33.50	
			3899 5123		48.55	
Shaft Extensions						
Rating (A)	Shaft Length	Max dimension (backplate to door)	Part Reference		Price Each	
32-100	120mm	300mm	3999 3003		2.83	
32-400	200mm	225mm	3999 3004		6.06	
	250mm	275mm	3999 3005		6.56	
	320mm	345mm	3999 3013		9.32	

Switches

Section 1

630-800	200mm 320mm	635mm 760mm		389H 1220 389H 1232	8.27 14.35
---------	----------------	----------------	--	------------------------	---------------

Test position handle upon request

Enclosed Fuse Combination Switches

AC23 (415V) Rating (A)	Enclosure Dimensions			No. of Poles	Part Reference	Price Each
	H	W	D			
20	215	180	135	TPN	38E5 3002	78.00
20	215	180	135	4	38E5 4002	95.68
32	215	180	135	TPN	38E5 3003	97.76
32	215	180	135	4	38E5 4003	106.08
63	300	270	150	TPN	38E5 3006	166.40
63	300	270	150	4	38E5 4006	192.40
100	395	320	175	TPN	38E5 3010	296.40
100	395	320	175	4	38E5 4010	327.60
160	395	320	175	TPN	38E5 3016	364.00
160	395	320	175	4	38E5 4016	416.00
200	395	320	175	TPN	38E5 3020	405.60
200	395	320	175	4	38E5 4020	488.80
250	600	450	275	TPN	38E5 3025	535.60
250	600	450	275	4	38E5 4025	676.00
400	600	450	275	TPN	38E5 3040	728.00
400	600	450	275	4	38E5 4040	832.00
630	750	550	300	TPN	38E5 3063	1,300.00
600	750	550	300	4	38E5 4063	1,508.00
800	750	550	300	TPN	38E5 3080	1,560.00
800	750	550	300	4	38E5 4080	1,976.00



Accessories for Fuse Combination Switches

Description		Part Reference	Price Each
Cable Extension Box IP65	To suit 320x275x175 enclosures	XBE6 0003	62.40
(gland plate utilised from Fuse combination switch)	To suit 450x275x275 enclosures	XBE6 0004	93.60
	To suit 550x275x375 enclosures	XBE6 0005	109.20
Auxiliary Contact Block Direct mounted 10A	To suit all enclosed switches 1NO	3999 0701	3.70
	20A-800A 1NC	3999 0702	3.70
Solid Neutral Links to be Used in place of BS88	BS88 A1 to suit 20/32A switch	3629 9003	2.17
	BS88 A2-A3 to suit 63A switch	3629 9006	2.79
fuselinks	BS88 A4 to suit 100/160/200A switch	3629 9010	3.73
	BS88 B1-B3 suit 250A switch	3629 9025	6.20
	BS88 B4 to suit 400A switch	3629 9040	9.32
	BS88 C1-C3 to suit 630-800A switch	3629 9063	21.73
Outgoing terminal shrouds 3-pole IP20 as standard	To suit 100/160/200A switch	3998 3016	5.59
	To suit 250/400A switch	3998 3025	7.74
	To suit 630/800A switch	3898 3080	21.74
Outgoing terminal shrouds 4-pole IP20 as standard	To suit 100/160/200A switch	3998 4016	6.20
	To suit 250/400A switch	3998 4025	8.99

	To suit 630/800A switch	3898 4080	27.92
--	-------------------------	-----------	-------

Rotary Isolators (20-125A) – Plastic Enclosed

- Polycarbonate IP66 enclosure + front handle protection, suitable for up to 3 padlocks cover – interlocked
- Up to 4 cable entries
- Metric knockouts,
700N4 = 4xM20
177N4 = 4xM20/M25
477N4 = 4xM25/M32



Operational Ratings			3 Pole	Price	3 Pole + Switched Neutral	Price
AC21A Amps	AC23A Power KW@380/440V	AC23A Amps	Part Reference	Each	Part Reference	Each
20	5.5	12	H216-41300-700N4	14.76	H216-41400-700N4	17.27
25	7.5	15.5	H220-41300-700N4	15.50	H220-41400-700N4	18.24
32	11	22.5	H226-41300-700N4	16.70	H226-41400-700N4	19.71
40	15	30	H233-41300-177N4	22.44	H233-41400-710N4	26.05
63	22	50	H406-41300-177N4	33.57	H406-41400-177N4	38.98
80	30	65	H408-41300-177N4	40.11	H408-41400-177N4	46.39
100	37	72	H410-41300-177N4	47.06	H410-41400-177N4	55.54
125	45	-	H412-41300-471N4	110.42	H412-41400-471N4	120.94

Operational Ratings			6 Pole	Price	6 Pole + Aux^	Price
AC21A Amps	AC23A Power KW@380/440V	AC23A Amps	Part Reference	Each	Part Reference	Each
20	5.5	12	H216-41600-720N4	30.93	H216-41611-477N4	34.74
25	7.5	15.5	H220-41600-720N4	32.50	H220-41611-477N4	36.31
32	11	22.5	H226-41600-720N4	35.10	H226-41611-477N4	38.91
40	15	30	H233-41600-720N4	40.28	H233-41611-477N4	44.09

^ NO aux is early break/late make

Rotary Isolators (20-125A) – Steel Enclosed

- Mild Steel (grey RAL7032) IP66 enclosure + front handle protection, suitable for up to 3 padlocks cover – interlocked
- Plain sides
- Mounting brackets available as an accessory (part ref. SAX1)



Operational Ratings			3 Pole	Price	3 Pole + Switched Neutral	Price
AC21A Amps	AC23A Power KW@380/440V	AC23A Amps	Part Reference	Each	Part Reference	Each
20	5.5	12	H216-41300-087N4*	51.44	H216-41400-087N4*	53.94
25	7.5	15.5	H220-41300-087N4*	52.17	H220-41400-087N4*	54.91
32	11	22.5	H226-41300-087N4*	53.37	H226-41400-087N4*	56.38
40	15	30	H233-41300-187N4*	67.47	H233-41400-187N4*	71.08
63	22	50	H406-41300-187N4*	94.19	H406-41400-187N4*	99.60
80	30	65	H408-41300-187N4*	100.73	H408-41400-187N4*	107.01
100	37	72	H410-41300-187N4*	107.68	H410-41400-187N4*	116.17
125	45	-	H412-41300-187N4*	115.63	H412-41400-187N4*	126.15

Operational Ratings			6 Pole	Price	6 Pole + Aux ^	Price
AC21A Amps	AC23A Power KW@380/440V	AC23A Amps	Part Reference	Each	Part Reference	Each
20	5.5	12	H216-41600-187N4*	69.27	H216-41611-187N4*	73.08
25	7.5	15.5	H220-41600-187N4*	70.84	H220-41611-187N4*	74.65
32	11	22.5	H226-41600-187N4*	73.45	H226-41611-187N4*	77.25
40	15	30	H233-41600-187N4*	78.62	H233-41611-187N4*	82.43

*Please check availability before ordering

^NO Aux is early / late make

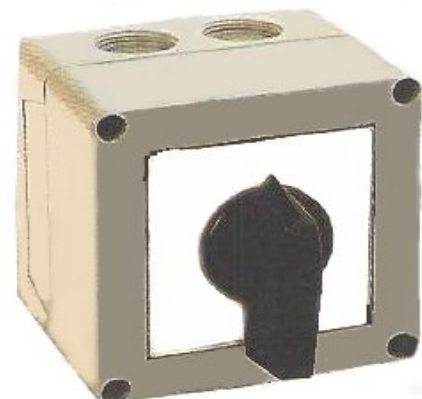
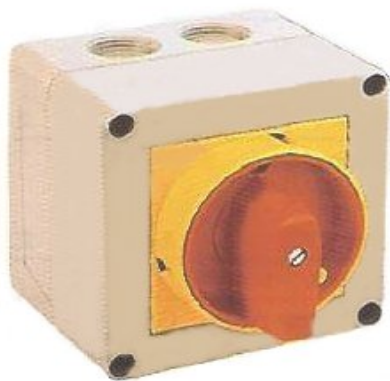
Metal enclosed 3/4/6 pole isolators are available up to 315A rating.
Please contact our sales office for further information.

Rotary Cam Switches Enclosed Rotary Cam Switches

	Amps AC1	Housing size (mm)	Part Reference	Price Each
ON/OFF SWITCHES. Three poles – scheme 10.				
	16	90x90	GX16 10 P	16.17
	20	90X90	GX20 10 P	16.28
	32	110X110	GX32 10 P	23.70
	40	110X110	GX40 10 P	40.40
ON/OFF SWITCHES. Four poles – scheme 92.				
	16	90x90	GX16 92 P	17.23
	20	90X90	GX20 92 P	17.92
	32	110X110	GX32 92 P	25.80
	40	110X110	GX40 92 P	43.61
CHANGEOVER SWITCHES. Three poles – scheme 53.				
	16	90X90	GX16 53 P	19.90
	20	90X90	GX20 53 P	21.19
	32	110X110	GX32 53 P	30.58
	40	110X110	GX40 53 P	52.99
CHANGEOVER SWITCHES. Four Poles – scheme 75.				
	16	90x90	GX16 75 P	22.87
	20	90X90	GX20 75 P	23.64
	32	110X110	GX32 75 P	37.13
	40	110X110	GX40 75 P	61.23

	Amps AC1	Housing Size (mm)	Part Reference	Price Each
ON/OFF SWITCHES. Three poles – scheme 10.				
	16	90X90	GX16 10 P25	17.39
	20	90X90	GX20 10 P25	17.63
	32	110X110	GX32 10 P25	24.84
ON/OFF SWITCHES. Four poles – scheme 92.				
	16	90x90	GX16 92 P25	18.51
	20	90X90	GX20 92 P25	18.85
	32	110X110	GX32 92 P25	26.97

Amps AC1	Max Power	Housing Size (mm)	Part Reference	Price Each
MOTOR SWITCHES. Three-pole reversing switches-scheme 11.				
16	6.5	90x90	GX16 11 P	18.90
20	7.5	90X90	GX20 11 P	19.85
32	15	110X110	GX32 11 P	29.83
40	18.5	110X110	GX40 11 P	49.91



Manual Changeover Switches

AC21(400v) Rating(A)	AC22(400v) Rating (A)	AC23(400) Rating (A)	AC23(400V) Rating (KW)	3 Pole Part Ref	Price Each	4 Pole Part Ref	Price Each
Sirco VM							
n/a	63	63	30	4430 3006	101.13	4430 4006	115.73
n/a	80	63	30	4430 3008	124.92	4430 4008	133.58
n/a	100	63	30	4430 3010	146.02	4430 4010	167.65
n/a	125	63	30	4430 3012	156.83	4430.4012	176.30
Sircover							
125	125	125	63	4100 3013	162.36	4100 4013	185.17
160	160	160	80	4100 3016	229.71	4100 4016	243.74
200	200	160	80	4100 3019	348.46	4100 4019	373.31
250	250	250	132	4100 3025	357.50	4100 4025	383.86
400	400	250	132	4100 3039	456.16	4100 4039	509.99
500	500	500	280	4100 3050	530.80	4100 4050	597.77
630	630	500	280	4100 3063	601.50	4100 4063	721.76

Accessories for Manual Changeover Switches

Terminal Shrouds for Sircover

Rating (A)	Shroud Side	IP Rating	Part Ref (3-Pole)	Price Each	Part Ref (4-Pole)	Price Each
125-200	Top or bottom	20	2694 3014	8.35	2694 4014	8.94
250-400	Top or bottom	20	2694 3021	15.95	2694 4021	16.54
500-630	Top or bottom	20	2694 3051	16.54	2694 4051	17.13

Door Interlocked Handles

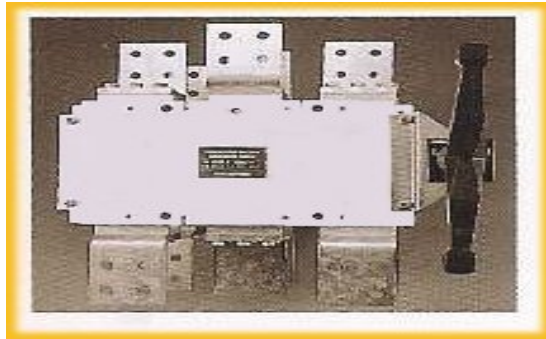
Rating (A)	Colour	Padlock Position	Type of Handle	IP Rating	Part Reference	Price Each
63-125 (for Sirco VM)	Black	1 position	Rotary	54	4499 5035	11.14
		3 position	Rotary	54	4499 5015	12.87
		1 position	Rotary	65	4499 5036	15.20
		3 position	Rotary	65	4499 5016	16.93
125-630 (for Sircover)	Black	0	Single	54	4199 5032	26.19
		0		65	4199 5036	28.74
		I-O-II	Single	54	4199 5015	25.68
		I-O-II		65	4199 5016	28.74

Shaft Extensions

Rating (A)	Shaft Length	To Suit Switch Type		Part Reference	Price Each
63-125	200mm	Sirco VM	(for rotary handle)	2599 3032	2.78
	200mm		(for pistol handle)	2599 5004	5.66
125-630	200mm	Sircover		3999 3004	6.06
	320mm			3999 3013	9.32

Note: Bridging bars for commoning the outgoing poles are available and must be ordered separately. Please enquire with our sales office.





Enclosed Changeover Switches

Thermal	Enclosure Dimensions			No. of	Part	Price
Rating (A)	H	W	D	Poles	Reference	Each
63	300	300	150	3	4413 3006	208.35
63	300	300	150	4	4413 4006	217.78
80	300	300	150	3	4413 3008	222.49
80	300	300	150	4	4413 4008	228.38
100	400	300	150	3	4413 3010	233.10
100	400	300	150	4	4413 4010	241.34
125	500	400	250	3	4212 3012	380.20
125	500	400	250	4	4212 4012	407.33
160	500	400	250	3	4212 3016	427.79
160	500	400	250	4	4212 4016	455.86
250	600	400	250	3	4212 3025	566.65
250	600	400	250	4	4212 4025	599.69
400	800	600	300	3	4212 3040	751.66
400	800	600	300	4	4212 4040	807.57
500	700	600	405	3	4212 3050	899.57
500	700	600	405	4	4212 4050	1,024.96
630	700	600	405	3	4212 3063	1,095.82
630	700	600	405	4	4212 4063	1,227.15
800	1200	700	500	3	4212 3080	1,433.75
800	1200	700	500	4	4212 4080	1,591.10
1250	1200	700	500	3	4212 3120	2,208.76
1250	1200	700	500	4	4212 4120	2,702.49
1600	1200	700	500	3	4212 3160	3,134.25
1600	1200	700	500	4	4212 4160	3,888.26



Terminal Shrouds for Enclosed Changeover Switches

Rating (A)	Shroud Side	IP Rating	Part Ref (3-Pole)	Price Each	Part Ref (4-Pole)	Price Each
120-00	Top or bottom	20	2694 3014	8.35	2694 4014	8.94
250-400	Top or bottom	20	2694 3021	15.95	2694 4021	16.54
500-630	Top or bottom	20	2694 3051	16.54	2694 4051	17.13
800	Top/bottom or front	Screen	2998 3080	8.57	2998 4080	10.34
1000-1600	Top/bottom or front	Screen	2998 3120	9.75	2998 4120	11.23

The prices for products within this section could be liable to change without notice. manufacturers current list prices are used on all occasions.