

Local disconnectors

Heavy Duty Type EFI 40A - 1600A 415V AC23

Complying with BS EN60947/IEC947 the range of 'EFI' Local Disconnecter switches, comprise of high rupturing, quick make and break contacts.

Switch units are available in triple pole, triple pole and switched neutral and six pole. All units are supplied with an early break auxiliary contact wired down to a terminal block as standard.

The 'EFI' range can be used for motor isolating duties for D.O.L and star-delta motors.

Mounted in rust protected sheet steel enclosures with semi-gloss paint finish to RAL7035 grey and protected to IP65. Cable entry is made via undrilled removable gland plates top and bottom, earth studs are included.

Supplied with red/yellow operating handles suitable for multi-padlocking, they also provide an interlocking facility preventing the hinged cover from being opened when the switch is in the 'ON' position.

The 'EFI' range has been designed for ease of installation and cabling, enclosures provide ample wiring space making additional cable boxes unnecessary when using standard copper cables.

Additional positive indication of switch 'OFF' and 'ON' positions is provided on the switch body (visible when door is open).

Stop and Start pushbuttons and figure locks are available and can be fitted on request.



ORDER REFERENCES

Nominal Rating, A	Triple pole List No.	Triple pole + switched neutral List No.	6 Pole List No.
40	EFI.40.31	EFI.40.41	-
45	-	-	EFI.45.61
63	EFI.63.31	EFI.63.41	-
100	-	-	EFI.100.61
125	EFI.125.31	EFI.125.41	-
160	EFI.160.31	EFI.160.41	EFI.160.61
200	EFI.200.31	EFI.200.41	-
250	EFI.250.31	EFI.250.41	-
315	EFI.315.31	EFI.315.41	EFI.315.61
400	EFI.400.31	EFI.400.41	-
630	EFI.630.31	EFI.630.41	-
1000	EFI.1000.31	EFI.1000.41	-
1250	EFI.1250.31	EFI.1250.41	-
1600	EFI.1600.31	EFI.1600.41	-

DIMENSIONS

Current rating, A	Height	Width	Depth
40	300	200	150
* 45	300	300	150
63	300	200	150
* 100	400	400	200
125	400	300	150
160	500	300	200
* 160	500	500	200
200	600	400	200
250	600	400	200
315	600	400	200
* 315	800	600	200
400	800	600	200
630	800	600	200
800	800	600	200
1000	1200	800	300
1250	1200	800	300
1600	1200	800	300



TECHNICAL DATA

Nominal rating A	Operational current, I _e and power, 415V category:			Rated short time withstand current, kA RMS for 1 sec.	Rated fused short circuit current		Max. terminal/cable size mm sq.	Degree of protection
	AC22, A	AC23, A	AC23, kW		I CW	RMS		
40	50	50	27	3	100	63	25	IP65
45*	45	32	15	1,5	63	50	25	IP55
63	63	63	35	3	100	63	25	IP65
100*	100	63	34	3,2	63	100	35	IP55
125	125	125	69	7	100	160	95	IP65
160	160	160	88	7	100	160	95	IP65
160*	160	125	75	3,2	63	160	70	IP55
200	200	160	88	7	100	160	120	IP65
250	250	250	138	12	100	250	185	IP65
315	315	315	174	12	100	315	185	IP65
315*	315	250	150	10	63	315	150	IP55
400	400	400	221	12	100	400	240	IP65
630	630	630	349	16	72	400	2x 240	IP65
800	800	800	443	25	-	630	2x 240	IP65
1000	1000	800	443	25	-	1000	2x 7H/80W	IP65
1250	1250	800	443	25	-	1000	2x 7H/80W	IP65
1600	1600	1000	554	35	-	1000	2x 7H/80W	IP65

Note* Ratings are for 6 Pole switches

Auxiliary contact rating = 5A, 240V

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