

Local disconnectors

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

Complying with BS EN60947/IEC947 the range of 'EFI' Local Disconnector 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, Ie and power, 415V category:		Operational current, Ie and power, 550V category:		Rated short time withstand current, kA RMS for 1sec	Rated fused short circuit current.		Max terminal/cable size mm sq.	Degree of protection
	AC22,A	AC23kW	AC22,A	AC23kW		kA	Fuse rating, A		
40	40	22	40	22	3	100	40	25	IP65
* 45	45	15	45	22	1,5	63	50	25	IP55
63	63	30	63	30	3	100	63	25	IP65
* 100	100	34	100	45	3,2	63	100	35	IP55
125	125	55	125	75	5	100	125	95	IP65
160	160	55	160	75	5	100	160	95	IP65
* 160	160	75	160	90	3,2	63	160	70	IP55
200	200	110	200	132	10	100	200	120	IP65
250	250	132	250	160	10	100	250	185	IP65
315	315	160	315	200	10	100	315	185	IP65
* 315	315	150	315	185	10	63	315	150	IP55
400	400	220	400	250	16	100	400	240	IP65
630	630	355	630	375	16	100	630	2x 240	IP65
800	800	450	800	450	19	100	800	2x 240	IP65
1000	1000	560	1000	560	35	100	1000	2x 7H/80W	IP65
1250	1250	560	1250	560	35	100	1250	2x 7H/80W	IP65
1600	1600	560	1600	560	35	100	1600	2x 7H/80W	IP65

Note* Ratings are for 6 Pole switches

Auxiliary contact rating = 5A, 240V

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