

# FUSERBLOC

## Fuse combination switches

for industrial fuses up to 1250 A

### Accessories (continued)

#### NFC and DIN fuse blown indication

##### Use

For fuse cartridge with striker  
(size 14 x 51 22 x 58; 0; 1; 2; 3 and 4).

##### Electrical principle

A NO/NC auxiliary contact detects that the fuse has blown.

##### Connection to the control circuit

6.35 mm fast-on terminal.

##### Mechanical characteristics

30 000 operations.

##### References

##### NO/NC type auxiliary contacts for 2 pole

Rating (A)	Frame size	Fuses	Contact(s)	Reference
50	11	14 x 51	1 <sup>st</sup>	3994 0405
100 ... 125	13	22 x 58	1 <sup>st</sup>	3994 0210
160	14	0	1 <sup>st</sup>	3994 0216
250	15/16	1-2	1 <sup>st</sup>	3994 0225
400	16	2	1 <sup>st</sup>	3894 0440
630	17	3	1 <sup>st</sup>	3894 1206
800 ... 1250	18	4	1 <sup>st</sup>	3894 1212

##### NO/NC type auxiliary contacts for 3 pole

Rating (A)	Frame size	Fuses	Contact(s)	Reference
CD 32	0	14 x 51	1 <sup>st</sup>	3994 0303
50	11	14 x 51	1 <sup>st</sup>	3994 0405
100 ... 125	13	22 x 58	1 <sup>st</sup>	3994 0310
160	14	0	1 <sup>st</sup>	3994 0316
250	15/16	1-2	1 <sup>st</sup>	3994 0325
400	16	2	1 <sup>st</sup>	3894 0440
630	17	3	1 <sup>st</sup>	3894 1306
800 ... 1250	18	4	1 <sup>st</sup>	3894 1312
50 ... 250	11	-	2 <sup>nd</sup>	3994 1901
400	16	2	2 <sup>nd</sup>	3994 1902
630 ... 1250	16	-	2	3994 1901

##### NO/NC type auxiliary contacts for 4 pole or 3 pole + neutral

Rating (A)	Frame size	Fuses	Contact(s)	Reference
50	11	14 x 51	1 <sup>st</sup>	3994 0405
100 ... 125	13	22 x 58	1 <sup>st</sup>	3994 0410
160	14	0	1 <sup>st</sup>	3994 0416
250	15/16	1-2	1 <sup>st</sup>	3994 0425
400	16	2	1 <sup>st</sup>	3894 0440
630	17	3	1 <sup>st</sup>	3894 1406
800 ... 1250	18	4	1 <sup>st</sup>	3894 1412
50 ... 250	11	-	2 <sup>nd</sup>	3994 1901
400	16	2	2 <sup>nd</sup>	3994 1902
630 ... 1250	16	-	2	3994 1901

##### Characteristics

Rating (A)	Current nominal (A)	Operating current I <sub>o</sub> (A)			
		250 VAC AC-13	400 VAC AC-13	24 VDC DC-13	48 VDC DC-13
CD 32 ... 1250	16	4	3	12	2



DDMM for cylindrical fuses



DDMM for NH fuses

#### Electronic fuse blown indication (FMD)

##### Use

Provides fuse blown indication with fuse links without fuse blown indication strikers. Suitable for use with BS88, DIN and UL type fuses.

##### Principle

The Fuse Melting Device (FMD) detects the operation of a fuse and provides a signal via: a relay and 1 LED (FMD10) or a bi-stable relay and 3 LEDs (FMD30).

The FMD can be DIN rail or back plate mounted close to the Fuserbloc, directly mounted on the FUSERBLOC, or it can be door mounted to provide information directly on the front of a panel.

##### References

##### For FUSERBLOC 63 to 1250A - size 000 to 4

Nb of LEDs	Operating voltage	Reference
1 (FMD10)	120 - 260 VDC	3899 1120
1 (FMD10)	380 - 690 VDC	3899 1380
3 (FMD30)	120 - 260 VDC	3899 3120
3 (FMD30)	380 - 690 VDC	3899 3380

##### Accessories

Accessories	Reference
Kit for connection accessories	Standard 3819 9120
Kit for connection accessories	Door mounted 3829 9120

##### Relay characteristics

Rating (A)	Relay operating current I <sub>c</sub> (A)	
	AC-15	DC-13
63 ... 1250	2.5 A	0.2



1 LED version (FMD10)

3 LED version (FMD30)