



## Residual-current circuit breaker trip block for FAZ, 40A, 2p, 100mA, type A

**Part no.** FBSMV-40/2/01-A  
**Article no.** 170209  
**Catalog No.** FBSMV-40/2/01-A

Similar to illustration

### Delivery program

Basic function			Add-on residual current protection unit
Number of poles			2 pole
Application			Switchgear for industrial and advanced commercial applications
Rated current	$I_n$	A	40
Rated fault current	$I_{\Delta N}$	A	0.1
Type			Type A
Tripping		A	non-delayed
Product range			FBSmV
Sensitivity			Pulse-current sensitive
Impulse withstand current			Partly surge-proof 250 A
Contact sequence			

### Technical data

#### Electrical

Sensitivity			Pulse-current sensitive
Rated current	$I_n$	A	40

### Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	$I_n$	A	40
Heat dissipation per pole, current-dependent	$P_{vid}$	W	0
Equipment heat dissipation, current-dependent	$P_{vid}$	W	13
Static heat dissipation, non-current-dependent	$P_{vs}$	W	0
Heat dissipation capacity	$P_{diss}$	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	40
			0

### Technical data ETIM 6.0

Circuit breakers and fuses (EG000020) / Residual current circuit breaker (RCCB) (EC000003)			
Electric engineering, automation, process control engineering / Electrical installation, device / Residual current protection system / Residual current circuit breaker (RCCB) (ecl@ss8.1-27-14-22-01 [AAB906011])			
Number of poles			2
Nominal rated voltage		V	240
Nominal rated current		A	40
Rated fault current		A	0.1
Mounting method			DIN rail
Leakage current type			A
Selective protection			No
Short-circuit breaking capacity ( $I_{cw}$ )		kA	0
Surge current capacity		kA	0.25
Frequency			50 Hz
Additional equipment possible			Yes

Degree of protection (IP)		IP20
Construction size (in accordance with DIN 43880)		1
Width in number of modular spacings		4
Built-in depth	mm	70
Short-time delayed tripping		No

## Dimensions

