



## Residual-current circuit breaker trip block for AZ, 125A, 4pole, 1000mA, type S/A

**Part no.** FBHMV-125/4/1-S/A  
**Article no.** 170176  
**Catalog No.** FBHMV-125/4/1-S/A

Similar to illustration

### Delivery program

Basic function			Add-on residual current protection unit
Number of poles			4 pole
Application			Switchgear for industrial and advanced commercial applications
Rated current	$I_n$	A	125
Rated fault current	$I_{\Delta N}$	A	1
Type			Type S/A
Tripping		A	selective switch off
Product range			FBHmV
Sensitivity			AC and pulsating DC current sensitive
Impulse withstand current			surge-proof 5 kA
Contact sequence			

### Technical data

#### Electrical

Sensitivity			AC and pulsating DC current sensitive
Rated current	$I_n$	A	125

### Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	$I_n$	A	125
Heat dissipation per pole, current-dependent	$P_{vid}$	W	0
Equipment heat dissipation, current-dependent	$P_{vid}$	W	39.7
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) (ec1@ss8.1-27-14-22-01 [AAB906011])

Number of poles			4
Nominal rated voltage		V	415
Nominal rated current		A	125
Rated fault current		A	1
Mounting method			DIN rail
Leakage current type			A
Selective protection			Yes
Short-circuit breaking capacity ( $I_{cw}$ )		kA	0
Surge current capacity		kA	5
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		5.5
Built-in depth	mm	70
Short-time delayed tripping		No

## Dimensions

