Residual-current circuit breaker trip block for AZ, 80A, 1000mA, type S/A

Part no.	**FBHMV-80/4/1-S/A**
Article no.	**170175**
Catalog No.	**FBHMV-80/4/1-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	80
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	80

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	80
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Equipment heat dissipation, current-dependent	P_{vid}	W	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) (ecl@ss8.1-27-14-22-01 [AAB906011])

Number of poles			4
Nominal rated voltage		V	415
Nominal rated current		A	80
Rated fault current		A	1
Mounting method			DIN rail
Leakage current type			A
Selective protection			Yes
Short-circuit breaking capacity (Icw)		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