

DATASHEET - FIM-40/4/0,03-A**RCD/RCB combination switch, 40A, 0.03A-LS_Char, 4p, A-FI_Char**

Powering Business Worldwide™

Part no. FIM-40/4/0,03-A
Catalog No. 278514
Alternate Catalog No. FIM-40-4-0.03-A

Similar to illustration

Delivery program

Product range			FIM
Basic function			Residual-current protective modules
Rated fault current	$I_{\Delta N}$	mA	30
Rated uninterrupted current	I_u	A	40
Application			Rated fault current $I_{\Delta N} = 30$ mA
Rated current	I_n	A	40
Number of poles			4 pole
Contact sequence			

Technical data**Electrical**

Standards			IEC/EN 61009
Rated operational voltage	U_e	V	
	U_e	V AC	230/400

Mechanical

Standard front dimension		mm	45
Enclosure height		mm	90
Mounting			Permanent screw connection with FAZ
Terminals top and bottom			Lift terminals
Terminal protection			Protection against electric shock to IEC 536
Thickness of busbar material		mm	0.8 ... 2

Design verification as per IEC/EN 61439

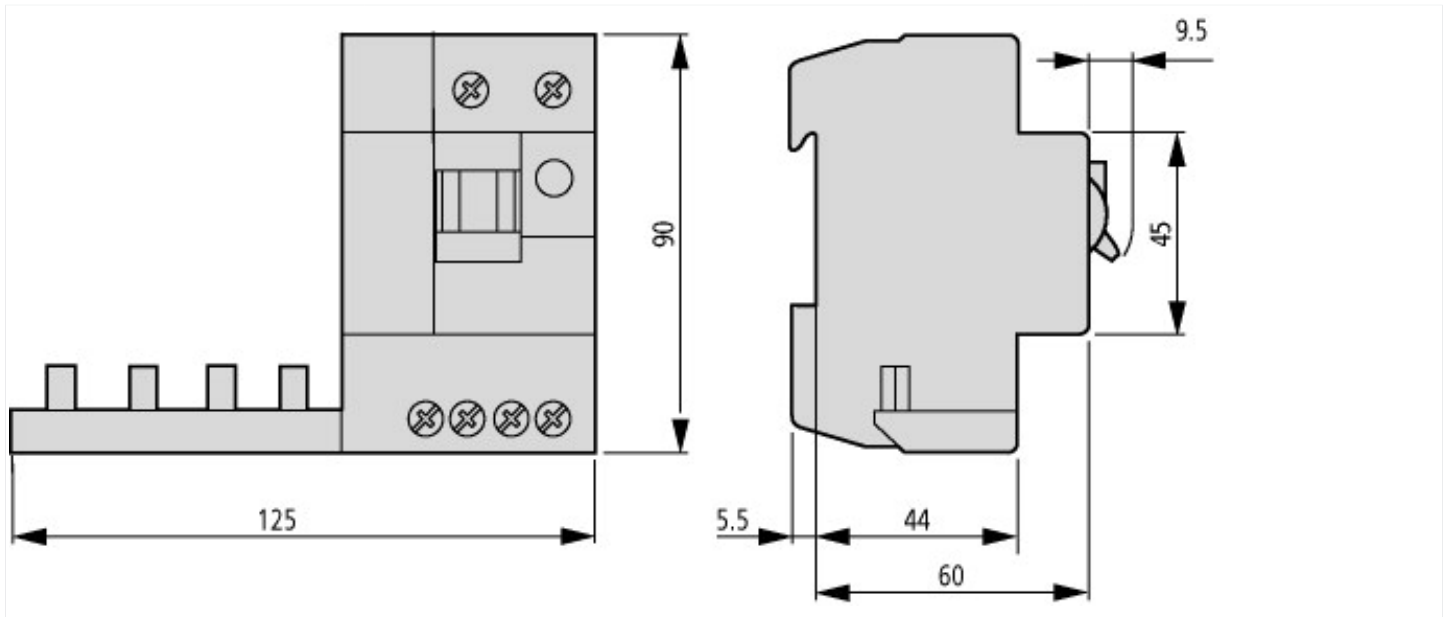
Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	A	40
Heat dissipation per pole, current-dependent	P_{vid}	W	0
Equipment heat dissipation, current-dependent	P_{vid}	W	9.6
Static heat dissipation, non-current-dependent	P_{vs}	W	0
Heat dissipation capacity	P_{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	40
			0

Technical data ETIM 7.0

Circuit breakers and fuses (EG000020) / Residual current circuit breaker (RCCB) module (EC002297)			
Electric engineering, automation, process control engineering / Electrical installation, device / Residual current protection system / Residual current circuit breaker (RCCB) module (ec1@ss10.0.1-27-14-22-10 [ACN357011])			
Nominal voltage		V	230 - 400
Nominal current		A	40
Rated fault current adjustable			No
Rated fault current		A	0.03 - 0.03
Max. delay time		ms	0

Delay adjustable		No
Number of poles		4
Leakage current type		A
Surge current capacity	kA	0.25
Frequency		50 Hz
Rated insulation voltage Ui	V	440
Rated impulse withstand voltage Uimp	kV	4
Connectable conductor cross section solid-core	mm ²	1 - 25
Connectable conductor cross section multi-wired	mm ²	1 - 25
Anti- nuisance tripping version		No
With interlocking device		No
Degree of protection (IP)		IP20
Pollution degree		2
Ambient temperature during operating	°C	-25 - 40

Dimensions





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