



Residual current circuit-breaker, 125A, 4p, 03mA, A-Char

Part no. PFDM-125/4/003-A  
 Catalog No. 235920

### 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		33.6
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		60
				Starting at 40 °C, the max. permissible continuous current decreases by 2.2% for every 1 °C

### Technical data ETIM 7.0

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@ss10.0.1-27-14-22-01 [AAB906014])				
Number of poles				4
Rated voltage		V		400
Rated current		A		125
Rated fault current		mA		30
Rated insulation voltage $U_i$		V		400
Rated impulse withstand voltage $U_{imp}$		kV		4
Mounting method				DIN rail
Leakage current type				A
Selective protection				No
Short-time delayed tripping				No
Short-circuit breaking capacity ( $I_{cw}$ )		kA		10
Surge current capacity		kA		0.2
Frequency				50 Hz
Additional equipment possible				Yes
With interlocking device				Yes
Degree of protection (IP)				IP20
Width in number of modular spacings				4
Built-in depth		mm		71.5
Ambient temperature during operating		°C		-25 - 40
Pollution degree				2
Connectable conductor cross section multi-wired		mm <sup>2</sup>		1.5 - 16
Connectable conductor cross section solid-core		mm <sup>2</sup>		1.5 - 50

## Dimensions

