

## Residual current circuit breaker (RCCB), 25A, 4 p, 300mA, type A

Powering Business Worldwide

Part no. PF7-25/4/03-A-DE Article no. 263610

Similar to illustration

## **Design verification as per IEC/EN 61439**

Design vernication as per illo/liv 01433			
Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	25
Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	2.8
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects $$			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions			Meets the product standard's requirements.
10.3 Degree of protection of ASSEMBLIES			Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances			Meets the product standard's requirements.
10.5 Protection against electric shock			Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components			Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections			Is the panel builder's responsibility.
10.8 Connections for external conductors			Is the panel builder's responsibility.
10.9 Insulation properties			
10.9.2 Power-frequency electric strength			Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
10.10 Temperature rise			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## **Technical data ETIM 5.0**

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Electric engineering, automation, process control engineering / Electrical installation, device / Residual current protection system / Residual current circuit breaker (RCCB)

(ecl@ss8-27-14-22-01 [AAB906010])				
Number of poles		4		
Rated voltage	V	400		
Rated current	Α	25		
Rated fault current	A	0.3		
Mounting method		DIN-rail (DRA)		
Leakage current type		A		
Selective protection		No		
Short-circuit breaking capacity (Icw)	kA	10		
Rated short-circuit breaking capacity EN 60898	kA	0.5		
Rated short-circuit breaking capacity IEC 60947-2	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	69.5
Short-time delayed tripping		No