Residual current circuit breaker (RCCB), 25A, 2p, 30mA, type A



Part no. PF6-25/2/003-A 112921

Part no. EAN A015081124596 Product Length/Depth Product Length/Depth Product Length/Depth Product width Product width Product weight Compliances Certifications Product Tradename Product Trype Product Type Product Sub Type Delivery program Application Residual current rating Rated short-circuit strength Fault current rating Sensitivity type Impulse withstand current Type Voltage rating Rated operational voltage (Ue) - max Rated insulation voltage (Ui) Rated fault current - min Frequency rating	eries xPole - PF6/7 RCCB t circuit breaker for residential and commercial applications ear for residential and commercial applications
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Rated fault current - max 0.03 A Frequency rating 50 Hz	
Frequency rating 50 Hz	
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Short-circuit rating 63 A (max, adm	
Onore on outer dung	ssible back-up fuse)
Leakage current type A	
Rated residual making and breaking capacity 500 A	
Admissible back-up fuse overload - max 25 A gG/gL	
Rated short-time withstand current (Icw) 6 kA	
Surge current capacity 0.25 kA	
Test circuit range 184 V AC - 250 V	AC
Pollution degree 2	
Lifespan, electrical 4000 operations	
Technical Data - Mechanical	
Frame 45 mm	
Width in number of modular spacings 2	
Built-in width (number of units) 35 mm (2 SU)	
Built-in depth 69.5 mm	
Mounting Method DIN rail Quick attachme	

Degree of protection	IP20, IP40 with suitable enclosure
Terminals (top and bottom)	Open mouthed/lift terminals
Terminal capacity (solid wire)	1.5 mm² - 35 mm²
Connectable conductor cross section (solid-core) - min	1.5 mm ²
Connectable conductor cross section (solid-core) - max	35 mm²
Terminal capacity (stranded cable)	16 mm² (2x)
Connectable conductor cross section (multi-wired) - min	1.5 mm ²
	16 mm²
Connectable conductor cross section (multi-wired) - max	
Terminal protection	Finger and hand touch safe, DGUV VS3, EN 50274
Busbar material thickness	0.8 mm - 2 mm
Lifespan, mechanical	20000 operations
Permitted storage and transport temperature - min	-35 °C
Permitted storage and transport temperature - max	60 °C
Climatic proofing	25-55 °C / 90-95% relative humidity according to IEC 60068-2
Design verification as per IEC/EN 61439 - technical data	
Rated operational current for specified heat dissipation (In)	25 A
Heat dissipation per pole, current-dependent	0 W
Equipment heat dissipation, current-dependent	2 W
Static heat dissipation, non-current-dependent	0 W
Heat dissipation capacity	0 W
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	55 °C
Design verification as per IEC/EN 61439	
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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
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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 10.10 Temperature rise	Is the panel builder's responsibility. The panel builder is responsible for the temperature rise calculation. Eaton will provide host discipation data for the devices.
10.11 Short-circuit rating	provide heat dissipation data for the devices. 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.
Additional information	TOURIST, ILL BOOKETOU.
Accessories required	Z-HK 248432
Features	Residual current circuit breaker Additional equipment possible
Fitted with:	IS/SPE-1TE 101911 Interlocking device
Special features	PF6 Residual current circuit breakers Type A

Technical data ETIM 8.0

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			2	
Rated voltage		V	230	
Rated current		Α	25	
Rated fault current		Α	0.03	
Rated insulation voltage Ui		V	440	
Rated impulse withstand voltage Uimp		kV	4	
Mounting method			DIN rail	
Leakage current type			A	
Selective protection			No	
Short-time delayed tripping			No	
Short-circuit breaking capacity (Icw)		kA	6	
Surge current capacity		kA	0.25	
Voltage type			AC	
With interlocking device			Yes	
Frequency			50 Hz	
Additional equipment possible			Yes	
Degree of protection (IP)			IP20	
Width in number of modular spacings			2	
Built-in depth		mm	69.5	
Ambient temperature during operating		°C	-25 - 55	
Pollution degree			2	
Connectable conductor cross section multi-wired		mm²	1.5 - 16	
Connectable conductor cross section solid-core		mm²	1.5 - 35	
Explosion-proof			No	