

Technical data for design verification

10.2.7 Inscriptions

10.10 Temperature rise

10.11 Short-circuit rating

10.13 Mechanical function

10.12 Electromagnetic compatibility

10.3 Degree of protection of ASSEMBLIES

10.4 Clearances and creepage distances

10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections

10.9.4 Testing of enclosures made of insulating material

10.5 Protection against electric shock

Design verification as per IEC/EN 61439

Residual current circuit breaker (RCCB), 63A, 2 p, 500mA, type AC

Part no. PF6-63/2/05 286503 Article no.



Similar to illustration

Rated operational current for specified heat dissipation	In	Α	63
Equipment heat dissipation, current-dependent	P _{vid}	W	7.2
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 $\frac{1}{2} = \frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) \left(\frac{1}{2} + \frac{1}{2} + \frac{1}{2} \right) \left(\frac{1}{2} + \frac{1}$			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.

10.8 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.

> The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

Is the panel builder's responsibility. The specifications for the switchgear must be Is the panel builder's responsibility. The specifications for the switchgear must be

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

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Technical data ETIM 5.0

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@ss8-27-14-22-01 [AAB906010])				
Number of poles		2		
Rated voltage	V	230		
Rated current	А	63		
Rated fault current	А	0.5		
Mounting method		DIN-rail (DRA)		
Leakage current type		AC		
Selective protection		No		
Short-circuit breaking capacity (Icw)	kA	6		
Rated short-circuit breaking capacity EN 60898	kA	0.63		
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		2
Built-in depth	mm	69.5
Short-time delayed tripping		No