DATASHEET - PFR-W-30



Current transformer for earth-leakage circuit-breaker inner diameter 30mm



Part no. Catalog No. PFR-W-30 285559

Similar to illustration

Delivery program

Description			In combination with PFR residual current relay not UL/CSA approved
Diameter	Ø	mm	30
Rated operational voltage	Ue	V AC	690 V 50/60 Hz
Notes			
incl. fixing clip for DIM rail mounting			
Technical data			

Electrical		
Standards		IEC
Rated voltage of the relay contact	V AC/DC	690V (50/60 Hz)
Mechanical		
Mounting		Incl. fixing clip for DIN-rail mounting

Design verification as per IEC/EN 61439

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.

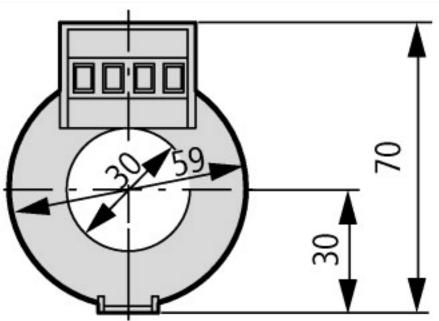
Technical data ETIM 7.0

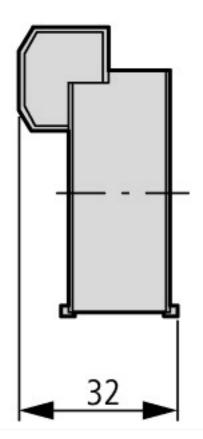
Low-voltage industrial components (EG000017) / Residual current release for power circuit breaker (EC001021)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Fault current switch for circuit breakers (ecl@ss10.0.1-27-37-04-11 [AKF009013])

Rated control supply voltage Us at AC 60HZ V 0 - 0 Rated control supply voltage Us at DC V 0 - 0 Rated fault current A 0 - 0 Max. power on-delay time Max Max Delay adjustable Image: Control supply voltage Us at DC Image: Control supply voltage Us at DC	[/ (((000010])		
Rated control supply voltage Us at DC V 0 Rated fault current A 0 Max. power on-delay time ms 0 Delay adjustable Model No	Rated control supply voltage Us at AC 50HZ	V	0 - 0
Rated fault current A A 0 - 0 Max. power on-delay time ms 0 0 Delay adjustable Image: Constraint of the second	Rated control supply voltage Us at AC 60HZ	V	0 - 0
Max. power on-delay time ms 0 Delay adjustable Max No	Rated control supply voltage Us at DC	V	0 - 0
Delay adjustable No	Rated fault current	А	0 - 0
	Max. power on-delay time	ms	0
Max. rated operation voltage Ue V 0	Delay adjustable		No
	Max. rated operation voltage Ue	V	0

Dimensions





Additional product information (links)

IL01219036Z (AWA1230-2214) Residual-current relay: converter for earth-leakage circuit-breaker

IL01219036Z (AWA1230-2214) Residual-current ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01219036Z2011_01.pdf relay: converter for earth-leakage circuit-breaker