

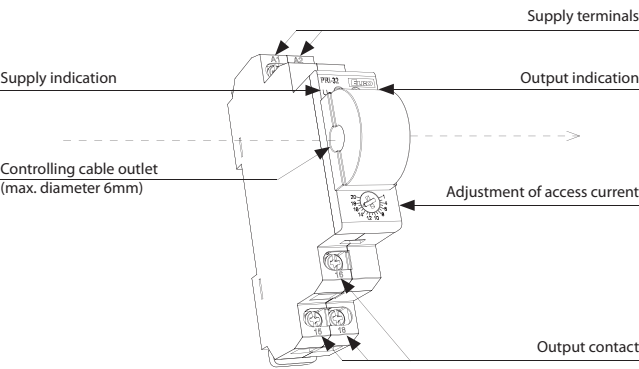


EAN code
PRI-32: 8595188121965

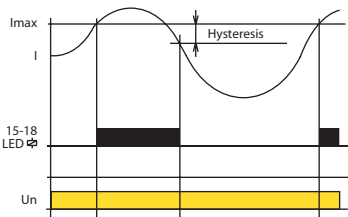
Technical parameters		PRI-32
Supply circuit		
Supply terminals:	A1 - A2	
Voltage range:	AC 24 - 240 V, DC 24 V (AC 50 - 60 Hz)	
Burden:	max. 1.5 VA	
Operating range:	-15 %; +10 %	
Measuring circuit		
Current range:	1 - 20 A (AC 50 Hz)	
Current adjustment:	potentiometer	
Accuracy		
Setting accuracy (mech.):	5 %	
Repeat accuracy:	< 1 %	
Temperature dependancy:	< 0.1 % / °C (°F)	
Limit values tolerance:	5 %	
Overload capacity:	max. 100 A / 10 s	
Output		
Number of contacts:	1x changeover / SPDT (AgNi / Silver Alloy)	
Current rating:	8 A / AC1	
Breaking capacity:	2000 VA / AC1, 240 W / DC	
Output indication:	red LED	
Other information		
Operating temperature:	-20 °C to 55 °C (-4 °F to 131 °F)	
Storage temperature:	-30 °C to 70 °C (-22 °F to 158 °F)	
Electrical strength:	4 kV (supply - output)	
Operating position:	any	
Mounting:	DIN rail EN 60715	
Protection degree:	IP40 from front panel / IP10 terminals	
Overvoltage category:	III.	
Pollution degree:	2	
Max. cable size (mm²):	solid wire max. 2x 2.5 or 1x 4, with sleeve max. 1x 2.5 or 2x 1.5 (AWG 12)	
Dimensions:	90 x 17.6 x 64 mm (3.5" x 0.7" x 2.5")	
Weight:	68 g (2.4 oz.)	
Standards:	EN 60255-6, EN 61010-1	

- Current transformer is a part of the product. Inside this transformer there is a wire which senses the volume of flowing current
- This construction reduces thermal stress of product when compared with conventional solutions with inbuilt shunt, and increases current range up to 20 Amps, and galvanically separates monitored circuit
- For heating bars in sliding rails, heating cables, indication of current flow, controlling of 1-phase motor consumption...
- Universal supply AC 24 - 240 V and DC 24 V
- Supply is galvanically separated from measuring current
- Current exceeding - current flowing through monitored wire must not exceed 100 A
- Output contact: 1x changeover / SPDT 8 A
- Clamp terminals
- 1-phase, 1-MODULE, DIN rail mounting

Description



Function



Monitoring relay PRI-32 serves to monitor current level in single phase AC circuits. Due to its fluent adjustment of release current, it is predestined for applications with necessity of current flow indication, and can be used as precedence relay. Output relay is off in normal state. In case the set current level is exceeded, it switches. Multivoltage supply is an advantage.

Connection



Symbol

