

RI8-05B

Applications

- Serves for monitoring of heating in rail-switches, heating cables, consumption of one-phase motors, indicates current flow.

Feature

- Through center design, no need to disconnect the current circuit, through center installation is convenient to use.
- Over / under current monitoring mode can be set by jumper.
- With AC and DC universal testing specifications optional.
- Isolation current transformer is adopted, and external current transformer can be connected to expand the monitoring current range.
- Universal supply AC/DC 24 - 240 V.
- Relay status is indicated by LED.
- 1-MODULE,DIN rail mounting.

Model and connotation

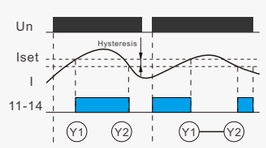
RI8 – 05 /□

- □: Monitoring current category — A:AC monitoring; B:AC/DC monitoring
- 05: Design number
- RI8: RI8 Series

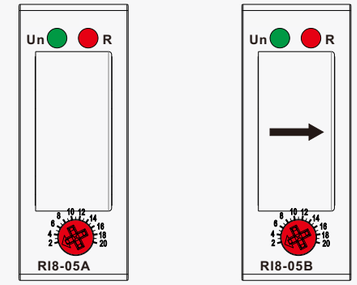
Technical parameters

	RI8-05A	RI8-05B
Function	AC measurement	AC/DC measurement
Supply terminals	A1,A2	
Rated supply voltage	AC/DC24-240V	
Rated supply frequency	50/60Hz,0	
Burden	max 1.5VA	
Supply voltage tolerance	-15%;+10%	
Current range	2A-20A	2A-20A
Current frequency	AC 50Hz	AC 50Hz ,DC
Current adjustment	Potentiometer	
Supply indication	Green LED	
Setting accuracy	10%	
Hysteresis	5%	
Output	1xSPDT	
Current rating	10A/AC1	
Switching voltage	250VAC/24VDC	
Min.breaking capacity DC	500mW	
Output indication	Red LED	
Mechanical life	$1x10^7$	
Electrical life(AC1)	$1x10^5$	
Operating temperature	-20°C to +55°C (-4°F to 131°F)	
Storage temperature	-35°C to +75°C (-22°F to 158°F)	
Mounting/DIN rail	Din rail EN/IEC 60715	
Protection degree	IP20 terminals	
Operating position	any	
Overvoltage category	III	
Pollution degree	2	
Max.cable size(mm^2)	$1×2.5mm^2$ or $2×1.5mm^2$ 0.8N·m	
Dimensions	90x 18x 64mm	
Weight	64g	
Standards	EN 60255-1	

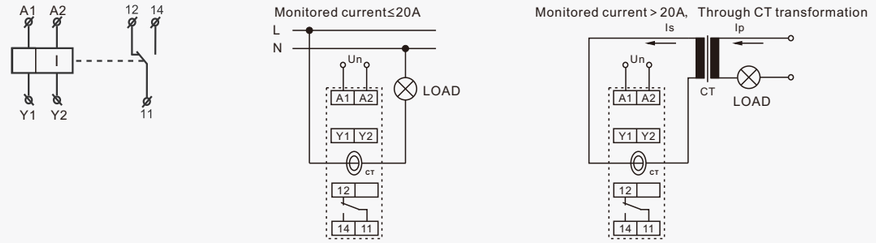
Functions Diagram



Panel Diagram

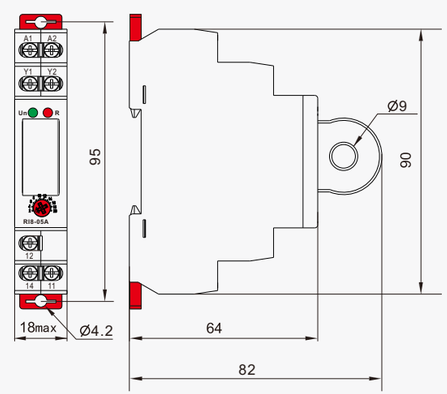


Wiring Diagram



Dimensions(mm)

RI8-05A



RI8-05B

