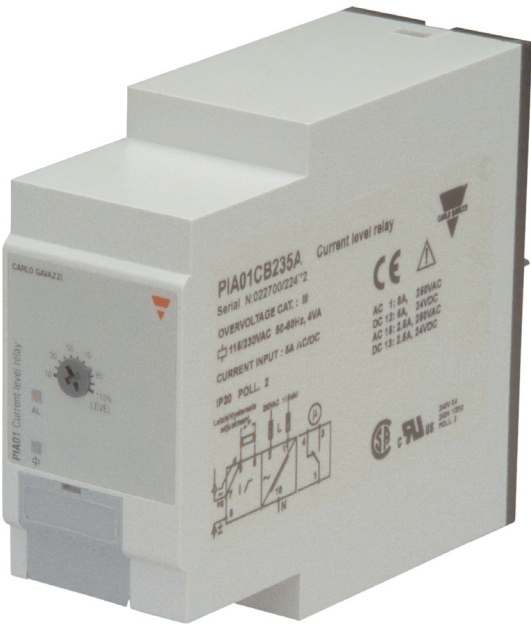


PIA01CD485A

Carlo Gavazzi Monitoring Relay Precise Over or Input via Int-Shunt 0.5-5A ACDC and 24-48VACDC 1CO



Component type	Current monitoring relay
Range	V/I/PH/PF Monitoring
Model	N/A
Alternative	CALL FOR ALTERNATIVE

The Carlo Gavazzi range of monitoring relays are designed for the detection of phase loss and incorrect phase sequence to over/under current and voltage. Suitable for use in a wide range of applications that require protection against people, fire, earth current leakage, or incorrect mains or cable connections. Installation is easy with front dials and DIP switches.

ELECTRICAL

Current measuring range	0.5-5 A
External current transformer	Yes
Single-phase over current possible	Yes
Rated frequency	45-65 Hz
Contains function DC-voltage over current	Yes
Number of contacts as change-over contact	1
Rated operation current Ie	8 A
Rated operation current Ie at AC-15, 230 V	2.5 A
Rated operation current Ie at DC-12, 24 V	5 A
Rated operation current Ie at DC-13, 24 V	2.5 A
Voltage type for actuating	AC/DC
Rated control supply voltage Us at AC 50HZ	24-48 V
Rated control supply voltage Us at DC	24-48 V
Rated control supply voltage Us at AC 60HZ	24-48 V
Over voltage category	III
Type of electric connection	Plug-in connection
Single-phase hysteresis possible	Yes

CONSTRUCTION

Material contact	Silver tin-oxide
Suitable for plug-in socket mounting	Yes
IP rating	IP20

DIMENSIONS

Height	80 mm
Width	36 mm
Depth	94 mm
Weight	0.15 kg

ENVIRONMENT

Storage temperature	-30...80 °C
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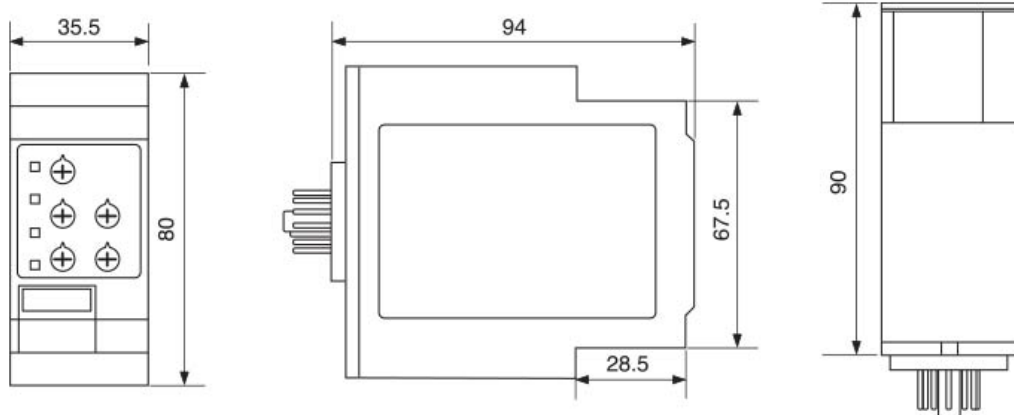
Carlo Gavazzi Monitoring Relay Precise Over or Input via Int-Shunt 0.5-5A ACDC and 24-48VACDC 1CO



MONITORING RELAYS



DIMENSIONAL DIAGRAM



Models
PIA01
PIB02
PUB01
PPA01
PPA02
PPB02