

PIB01CB235A

Carlo Gavazzi Monitoring Relay Over or Under Current via Int-Shunt 0.1-5A ACDC and 115 to 230VAC 1CO



Component type	Current monitoring relay
Range	V//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	0.1-5 A
External current transformer	Yes
Single-phase under current possible	Yes
Single-phase over current possible	Yes
Rated frequency	45-65 Hz
Contains function DC-voltage under current	Yes
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
Rated control supply voltage Us at AC 50HZ	24-48 V
Control supply voltage AC, 2nd input	115 V
Rated control supply voltage Us at DC	24-48 V
Control supply voltage Us at AC 50HZ	230 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
Min. adjustable delay-on energization time	1 s
Max. permitted delay-on energization time	6 s

CONSTRUCTION

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

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MONITORING RELAYS



DIMENSIONS

ENVIRONMENT

Height	80 mm
Width	36 mm
Depth	94 mm
Weight	0.15 kg
Storage temperature	-30...80 °C

DIMENSIONAL DIAGRAM

