

Catalogue No: **DIB-01-C-B23 10A**

MON RLY O/U CURR VIA INT SHUNT 1-10A ACDC 115/230VAC 1C/O

Timers and Control Relays > Monitoring Relays > Voltage, Current, Phase and Power Factor Monitoring Relays > Carlo Gavazzi Voltage/Current/Phase & Power Monitoring > Current Monitoring Relays > Direct Connect (Internal Shunt) or CT Input



Representative Photo Only
(actual product may vary based on configuration selections)

Current monitoring relay, over or undercurrent, 1-10A, 1C/O

- Comprehensive range of monitoring controls for monitoring of phase loss, incorrect phase sequence, phase unbalance, over/under current, over/under load, over/under frequency, and over/under voltage for any application requirement.
- Range available in a variety of package sizes and mounting (DIN or Plug-in) to suit any preference.
- International certifications including ISO 9001 with wide install base ensuring delivery of a quality tested product.

SPECIFICATIONS

Component Type	Timers And Control relays	Monitoring Relay
Signal Type(s)	AC: 1-Phase	
Measurement Range(s)	1 ... 10A	
Input Current, Max (rms)	11 A	
Unom, Supply Voltage(s), AC, Nom	115 V AC 230	
Ie, Rated Operational Current, AC 1, 250V AC	8 A @250V	
Ie, rated operational current, AC 15, 250V AC	2.5 A	
Ie, Rated Operational Current, DC 12, 24V DC	5 A	
Ie, Rated Operational Current, DC 13, 24V DC	2.5 A	
Ui, Rated Insulation Voltage	250 V (rms)	
Rated Frequency	50 / 60 Hz	
Overvoltage Category	III	
Configuration Method	DIP-Switch	
Contact configuration	1 CO	
Uimp, Impulse Withstand Voltage	4 kV	
Supply Power, Rated, DC	0.8 W	
Supply Power, Rated, AC 50Hz	4 VA	
Current, Overload Capacity, 1s (rms)	0.05 kA	
Connection Method	Direct connect CT connect Internal Shunt connect	
Terminal Type	Screw Terminal(s)	
Mounting	DIN-35 Rail Mount	
Material, body / housing	Noryl Body/Housing	
Material, contact	Silver Tin Oxide (AgSnO ₂)	
IP rating	IP20	
Indicator Type	LED	

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Details, Indicator	Power supply ON LED, green. Alarm ON LED, red (flashing 2 Hz during delay time). Output relay ON LED, yellow.
Electrical Service Life at Un, In	100000 cycles
Mechanical service life	30000000 cycles
Tightening Torque, Max	0.5 Nm
Dielectric Strength	≥ 2 kVAC (rms)
Pollution Degree	3
Storage Temperature, min	-30 °C min
Storage Temperature, max	80 °C max
Operating Temperature, min	-20 °C min
Operating Temperature, max	60 °C max
Height	80 mm
Width	22.5 mm
Depth	99.5 mm
Weight	0.15 kg
Standards Compliance	EN 61000-6-2 EN 61000-6-3 EN 60529 IEC 60947 IEC 60664 EN 50022
Certifications	CE UL CSA

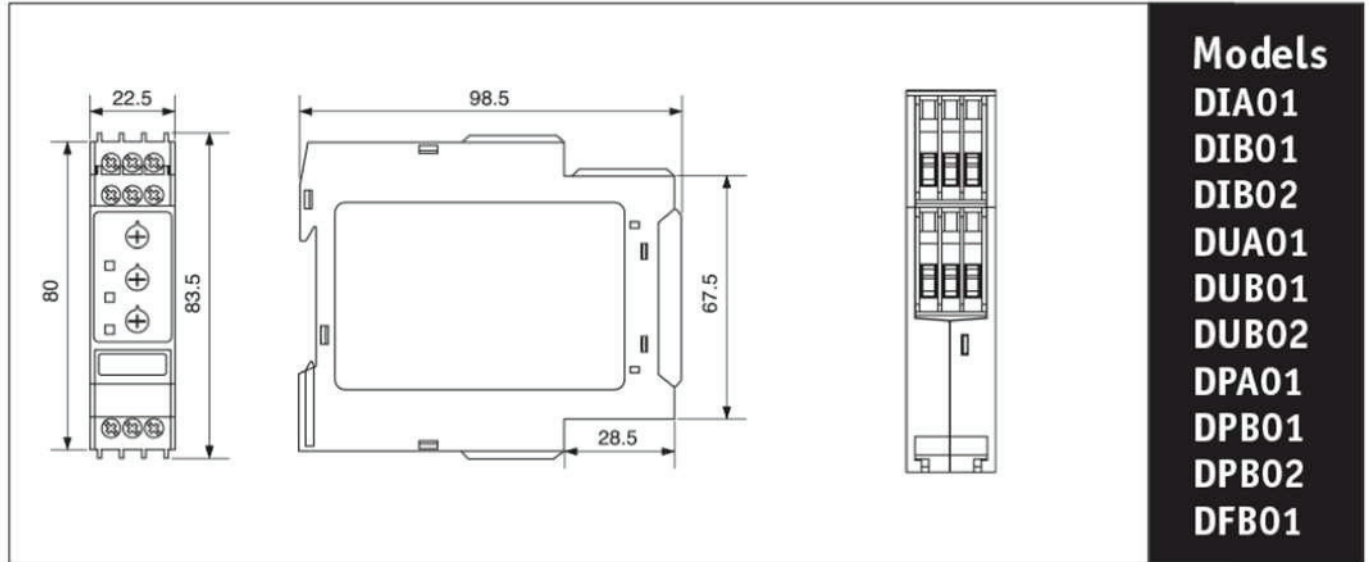
REFERENCES

IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	DIB01CB2310A_Installation Instructions
User Manual:	-
Manufacturer Datasheet:	DIB01CB2310A_Manufacturer Datasheet
Manufacturer Catalogue & Product Selection:	-

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Dimension Diagram

Connection / Wiring Diagram

Technical Diagram