Supply Monitoring Series SM 500



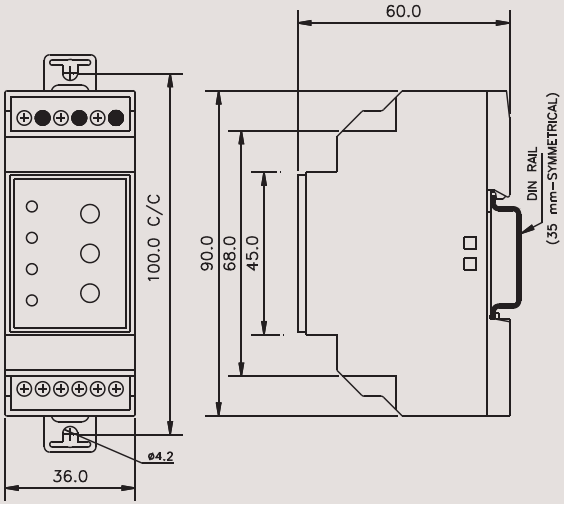
Cat. No.		MG73BH
Parameters		
Supply Voltage (Un):		3 Phase 4 Wire, 240 VAC 1 Phase, 240 VAC
Frequency		48 - 63 Hz
Power Consumption		5VA
Trip Settings : Under Voltage Over Voltage Phase - Phase Unbalance (Asy.) Phase Reverse Detect Hysteresis		 55% - 95% of Un 105% - 125% of Un 10% Yes 7 V ± 2 V of trip voltage (factory set) Note: Voltage setting is with respect to neutral
Time Delays: ON Delay OFF Delay		0 to 15 s (Adjustable) 5 s (Fixed)
Setting Accuracy		± 10 % of full scale.
Contact Rating Electrical Life Mechanical Life		2 C/O (DPDT) 5A (Resistive) @ 250 VAC / 28 VDC $1X10^5$ $3X10^6$
Utilization Category	AC - 15	Rated Voltage (Ue): - 120/240 V, Rated Current (Ie) :- 3/1.5 A
	DC - 13	Rated Voltage (Ue): - 24/125/250 V, Rated Current (Ie) :- 2/0.22/0.1 A
Operating Temperature Storage Temperature		- 10°C to +55°C - 25°C to +70° C
LED Indication		Separate indications for Power ON, UV, OV; ON: Phase Reverse, BLINK: Phase Unbalance (Asy.)
Housing Dimension (W x H x D) Weight		UL 94VO 36 X 90 X 60 (in mm) 120 g (unpacked)
Mounting		Base / DIN rail
Degree of Protection		IP20 for Terminal, IP 40 for Enclosure
Certification		CE , IEC 60255
EMI/ EMC Radio Interference Suppression ESD Electrical Fast Transients Surges Voltage Dips, Interruptions Isolation		 CISPR 14-1 Class B IEC 61000-4-2 Level III IEC-61000-4-4 Level IV IEC-61000-4-5 Level IV IEC-61000-4-11 All 7 Levels Test voltage between input & output - IEC 60255-5, 2kV

Note: 1) In the event of Phase sequence or phase loss, OFF delay is 100 ms

ORDERING INFORMATION

Cat. No.	Description
MG73BH	3 Phase 4 Wire, UV/OV & single phasing Protection with adjustable 0 to 15 s On delay time, 2 C/O

MOUNTING DIMENSION (mm)



CONNECTION DIAGRAM

