



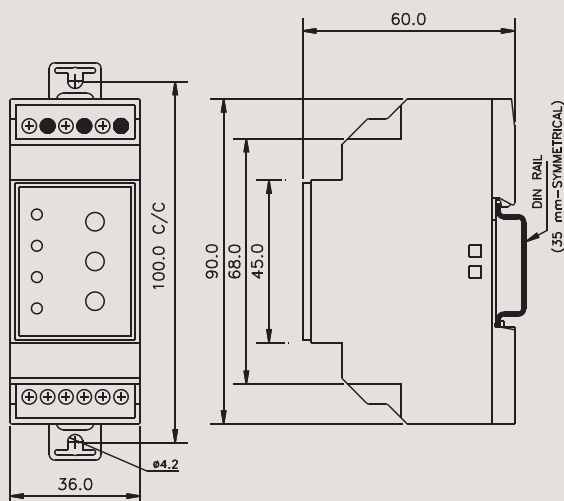
Cat. No.		MG73BH	
Parameters			
Supply Voltage (Un):		3 Phase 4 Wire, 240 VAC 1 Phase, 240 VAC	
Frequency		48 - 63 Hz	
Power Consumption		5VA	
Trip Settings :			
Under Voltage		55% - 95% of Un	
Over Voltage		105% - 125% of Un	
Phase - Phase Unbalance (Asy.)		10%	
Phase Reverse Detect		Yes	
Hysteresis		7 V $\pm$ 2 V of trip voltage (factory set) Note: Voltage setting is with respect to neutral	
Time Delays:			
ON Delay		0 to 15 s (Adjustable)	
OFF Delay		5 s (Fixed)	
Setting Accuracy		$\pm$ 10 % of full scale.	
Contact Rating		2 C/O (DPDT) 5A (Resistive) @ 250 VAC / 28 VDC	
Electrical Life		1X10 ⁵	
Mechanical Life		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		- 10°C to +55°C	
Storage Temperature		- 25°C to +70°C	
LED Indication		Separate indications for Power ON, UV, OV; ON: Phase Reverse, BLINK: Phase Unbalance (Asy.)	
Housing		UL 94VO	
Dimension (W x H x D)		36 X 90 X 60 (in mm)	
Weight		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		CISPR 14-1 Class B	
ESD		IEC 61000-4-2 Level III	
Electrical Fast Transients		IEC-61000-4-4 Level IV	
Surges		IEC-61000-4-5 Level IV	
Voltage Dips, Interruptions		IEC-61000-4-11 All 7 Levels	
Isolation		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

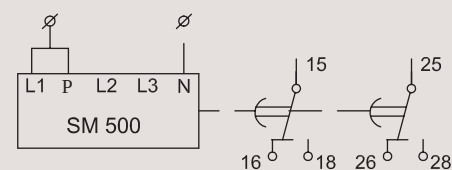
Cat. No.	Description
MG73BH	3 Phase 4 Wire, UV/OV & single phasing Protection with adjustable 0 to 15 s On delay time, 2 C/O

MOUNTING DIMENSION (mm)



CONNECTION DIAGRAM

SINGLE PHASE APPLICATION



THREE PHASE APPLICATION

