

Supply Monitoring Series SM 500



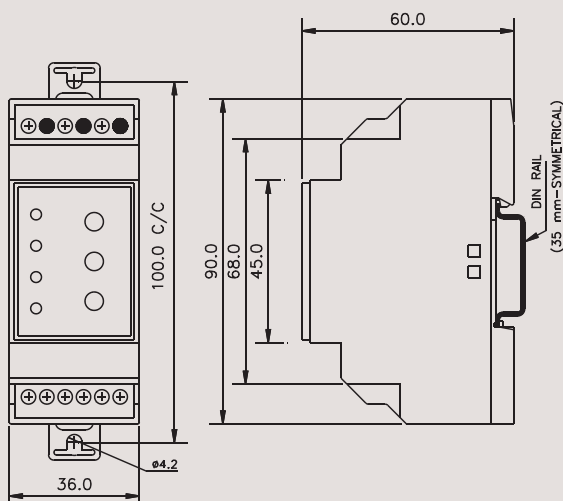
Cat. No.		MG73B9	MG73BH	MG73BF
Parameters				
Supply Voltage (Φ)		3 Phase 4 Wire, 240 VAC 1 Phase, 240 VAC		
Frequency		48 - 63 Hz		
Power Consumption (Max.)		5VA		
Trip Settings :		55% - 95% (of Φ) 105% - 125% (of Φ) 10% Yes 7 V ± 2 V of trip voltage (factory set) Note: Voltage setting is with respect to neutral		
Time Delays:		0 to 15 m (Adjustable)	0 to 15 s (Adjustable)	5 s (Fixed)
ON Delay		5 s (Fixed).	5 s (Fixed)	0 to 15 s (Adjustable)
OFF Delay				
Setting Accuracy		± 10 % of full scale.		
Relay Output		2 C/O (DPDT)		
Contact Rating		5A (Resistive) @ 250 VAC / 28 VDC		
Electrical Life		1X10 ⁷		
Mechanical Life		3X10 ⁶		
Utilization Category	AC - 15	Rated Voltage (Ue): 120/240 V, Rated Current (Ie): 3.0/1.5 A		
	DC - 13	Rated Voltage (Ue): 24/125/250 V, Rated Current (Ie): 2.0/0.22/0.1 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.)		
Enclosure		UL 94VO		
Dimension (W x H x D) (in mm)		36 X 90 X 60		
Weight (unpacked)		120 g		
Mounting		Base / DIN rail		
Degree of Protection		IP 20 for Terminals, IP 40 for Enclosure		
Certification				
EMI/ EMC		CISPR 14-1 Ed. 5.0 (2005-11) Class B		
Radio Interference Suppression		IEC 61000-4-2 Ed. 1.2 (2001-04) Level II		
ESD		IEC 61000-4-4 Ed. 2.0 (2004-07) Level IV		
Electrical Fast Transients		IEC 61000-4-5 Ed. 2.0 (2005-11) Level IV		
Surges		IEC 61000-4-11 Ed. 2.0 (2004-03) All 7 Levels (AC), IEC 61000-4-29 Ed. 1.0 (2000-08) All 5 Levels (DC)		
Voltage Dips, Interruptions		Test voltage between input & output - IEC 60255-5, 2kV		
Isolation				

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

ORDERING INFORMATION

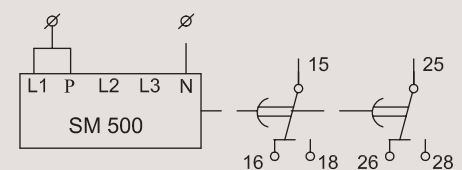
Cat. No.	Description
MG73B9	3 Phase 4 Wire, UV/OV & single phasing Protection with adjustable 0 to 15 m On delay time, 2 C/O
MG73BH	3 Phase 4 Wire, UV/OV & single phasing Protection with adjustable 0 to 15 s On delay time, 2 C/O
MG73BF	3 Phase 4 Wire, UV/OV & single phasing Protection with adjustable 0 to 15 s Off delay time, 2 C/O

MOUNTING DIMENSION (mm)



CONNECTION DIAGRAM

SINGLE PHASE APPLICATION



THREE PHASE APPLICATION

