



### Product Overview

The AX-SM501-MG53. These Supply monitoring relays have LED indication of all standard parameters. The units are designed for 3 phase 415Vac and have two change over contacts (DPDT). The unit are designed for DIN rail mounting

### Features

- 36 mm width
- Three phase 415Vac
- LED indication of all faults

### Product Specification

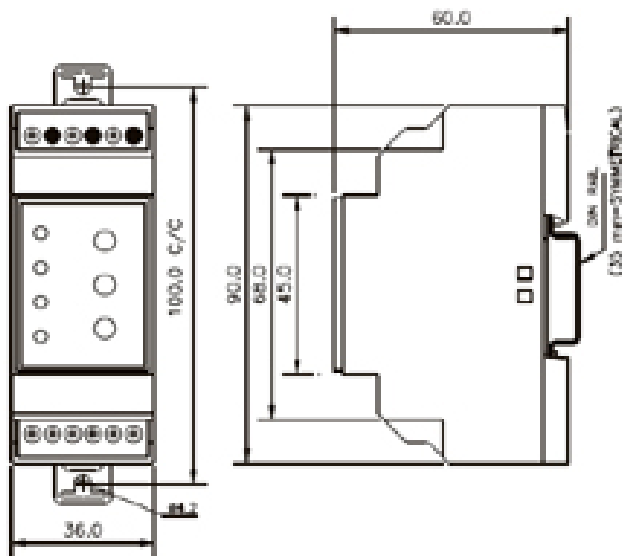
<b>Supply Voltage:</b>		3 phase 415Vac 48/63Hz
<b>Power Consumption:</b>		10VA
<b>Trip Settings:</b>		55% to 95% of Un
Under Voltage		105% to 125% of Un
Over Voltage		10% (except MG53BI which is 94V)
Phase-Phase Unbalanced (Asy)		Yes
Phase reverse detect		7V +/- 2V of trip voltage (factory set)
Hysteresis		NB voltage setting is with respect to neutral
<b>Time Delays:</b>		
	<b>ON Delay</b>	<b>MG53BH</b> <b>MG53BF</b> <b>MG53BI</b>
		0.5 to 15sec (adj)      5sec fixed      5sec fixed
	<b>OFF Delay</b>	5sec fixed      0.5 to 15sec (adj)      5sec fixed
<b>Setting Accuracy:</b>		+/- 10% of full scale
<b>Relay Output:</b>		2 x C/O DPDT
<b>Switching Contacts</b>		5A @250Vac/28Vdc resistive
<b>LED Indication:</b>	ON	Power On
	UV	Under Voltage
	OV	Over Voltage
	ON	Phase Reverse
<b>BLINK/ON LED</b>	ON	Phase Unbalance (Asy)
	BLINK	IP40 enclosure IP20 terminals
<b>Protection:</b>		DIN
<b>Mounting:</b>		36 x 90 x 60 mm
<b>Dimensions:</b>		120 gms
<b>Weight:</b>		Terminals for 0.5 to 2.5mm <sup>2</sup> cable
<b>Terminals:</b>		-10 to +60°C      10 to 95% RH non condensing
<b>Ambient Range:</b>		CE, IEC60255
<b>Approvals:</b>		CISPR 14-1
<b>EMI/EMC:</b>		IEC 61000-4-2 level 111,
		IEC 61000-4-4 level 1V,
		IEC 61000-4-5 level 1V,
		IEC 61000-4-11,

## Order Codes

AX-SM501-MG53BH	3 Phase 415Vac c/w adjustable 0.5 to 15sec ON & 5 sec fixed OFF delay time 2 x C/O
AX-SM501-MG53BF	3 Phase 415Vac c/w adjustable 0.5 to 15sec OFF & 5 sec fixed ON delay time 2 x C/O
AX-SM501-MG53BI	3 Phase 415Vac 94V fixed Asymetry with 5 sec fixed ON & OFF delay time 2 x C/O
AX-SM501-MG53B0	3 Phase 415Vac UV/OV c/w fixed 3m ON & 5sec fixed OFF delay time 2 x C/O
AX-SM501-MG63BH	3 Phase 220Vac c/w adjustable 0.5 to 15sec ON & 5 sec fixed OFF delay time 2 x C/O
AX-SM501-MG63BF	3 Phase 220Vac c/w adjustable 0.5 to 15sec OFF & 5 sec fixed ON delay time 2 x C/O

## MOUNTING DIMENSION (mm)

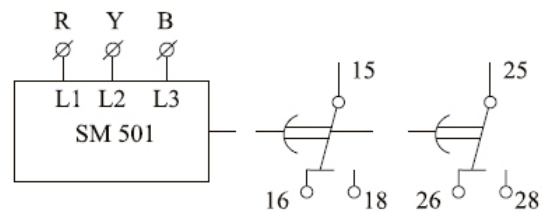
MG53BH MG53BF MG53BI


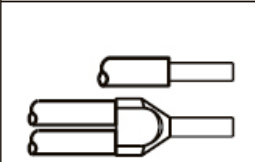


## CONNECTION DIAGRAM

MG53BH MG53BF MG53BI

THREE PHASE APPLICATIONS



 Ø 3.5 mm	Torque 0.54 N.m (5 Lb. in) Terminal Screw - M 2.5
	1 x 0.2 - 3.3 mm <sup>2</sup> Solid Wire / single wire ferrule 2 x 0.2 - 1 mm <sup>2</sup> Insulated with twin ferrule
AWG	1 x 24 to 12