



MU-G15

Three - Phase Submersible Pump Controllers



MU-G15

Features and Applications of MU-G15 Submersible Pump Controller

Features:

- Protection from Single – Phasing
- Protection from Overload Conditions
- Protection from Phase Reversal
- Protection from Phase Unbalance 55 V (+/-5 V)
- Proven & tested MK1 Contactor
- Wideband coil operates from 65% to 110% of rated coil voltage (e.g. 360 V Coil operated from 234 V to 396 V)

- Indication of healthy supply indication
- Auto Restart (with 30 sec ON Delay)
- Power ON & Pump ON indication
- Unique Dual Volt-Ammeter & Ammeter
- Easy replacement of spares
- Terminal block for easy termination

Range

MU-G15 Star-Delta - 7.5 HP to 15 HP

Typical Applications :

- Borewell submersible water pump
- Open well submersible water pump

Technical Details for MU-G15 Star Delta Controller

Rating	7.5 HP to 15 HP
Contactor	MK1
Overload Relay	MK1
Coil Voltage	360 V, 415 V
Pick-up Voltage	65% to 110% U _c
Drop-off Voltage	25% to 35% U _c
Measurement Offered	Ammeter
	Voltmeter (with selector switch)
Indicating Lamps	Supply ON (3-Phase)
	Pump ON
Rated Insulation Voltage	690 V
Rated Operational Voltage	415 V AC
Service Temperature	-5°C to 55°C
Conformity to Standard	IS/IEC60947-4-1
Terminal Capacity	16 Sq.mm. with Lug (Lugs provided inside MU-G Controller)
Degree of Protection	IP54
No. of full Start	30 operations per hour
Back-up Operation	Type 2 with HF Fuses

Ordering Details for MU-G15 Star Delta Controller

Type	Pump Rating at 415 V, 3Ø, 50 Hz		With Relay range (A)	Catalogue No.		Std. Pkg. (Nos.)
	HP	kW		Coil Voltage 360 V	Coil Voltage 400/440 V	
MU-G15 Star-Delta	10	7.5	6 - 10	CS94091COVO	CS94091POVO	1
	15	11	9 - 14	CS94091COAO	CS94091POAO	1

MU-G15 Overall Dimensions

