



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)

Range

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

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

Typical Applications :

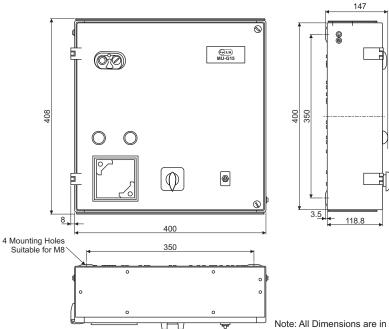
- Borewell submersible water pump
- Open well submersible water pump

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% Uc | | |
| Drop-off Voltage | 25% to 35% Uc | | |
| Measurement Offered | Ammeter | | |
| | Voltmeter (with selector switch) | | |
| Indicating Lawre | Supply ON (3-Phase) | | |
| Indicating Lamps | 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 | | |
| | 16 Sq.mm. with Lug | | |
| Terminal Capacity | (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

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





Note: All Dimensions are in mm