



DIN 70mm

Features :

- 3Ø True RMS (Voltage, Current)
- 3Ø Power (Active, Reactive, Apparent)
- Import / Export Active, Reactive Energy , Apparent Energy
- Programmable CT / PT Primary / Secondary
- Modbus RTU Communication (RS485)
- Max / Min Demand Power



Display Specifications

Input Specifications

Output Specifications

Auxiliary Supply Specifications

Settable Parameters

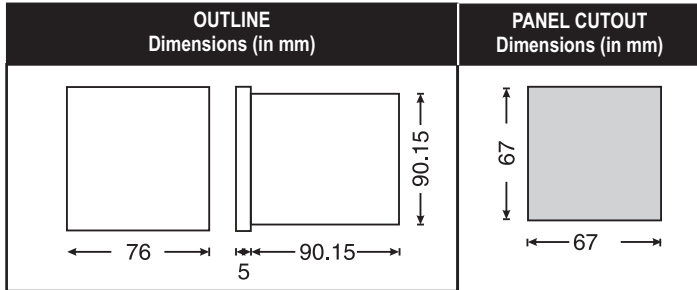
Environmental Specifications

Mechanical Specifications

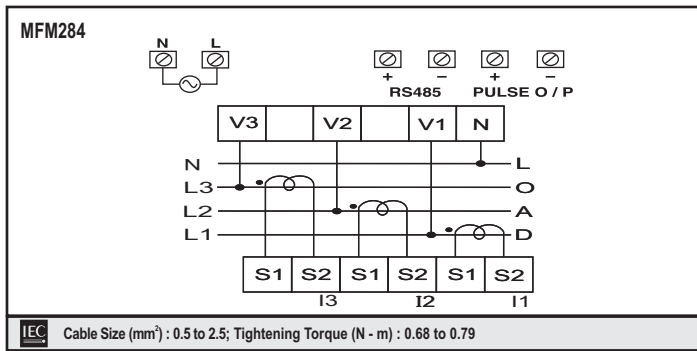
### Mechanical Specifications

|          |        |
|----------|--------|
| Mounting | Panel  |
| Weight   | 318gms |

### Dimensions



### Terminal Connection



### Compliance

| Applicable EMI / EMC Standards   |                    |  |
|----------------------------------|--------------------|--|
| Product Standard : IEC 61326 - 1 |                    |  |
| Category                         |                    | Standards Compliance   |
| ESD Immunity                     | IEC 61000 - 4 - 2  | Level IV (Air Discharge : 15kV),<br>(Contact Discharge : -8kV)   |
| Surge Immunity                   | IEC 61000 - 4 - 5  | + / - 2kV Common Mode, (Line to Ground)<br>+ / - 1kV Differential Mode, (Line to Line)   |
| Radiated Susceptibility          | IEC 61000 - 4 - 3  | Level III, 80 to 1000MHz (10V / m)<br>Level II, 1.4GHz to 2GHz (3V / m)<br>Level I, 2GHz to 2.7GHz (1V / m)  |
| Conducted Susceptibility         | IEC 61000 - 4 - 6  | Level II (3V / m)  |
| Voltage Dips and Interruptions   | IEC 61000 - 4 - 11 | <b>Dips</b> : 0% residual voltage /<br>1 cycle (Criteria B), 40% residual voltage /<br>10 cycles 50Hz / 12 cycles 60Hz (Criteria C)<br>70% residual voltage / 25 cycles<br>50Hz / 30 cycles 60Hz (Criteria C)<br><b>Interruptions</b> : 0% residual voltage /<br>250 cycles 50Hz / 300 cycles 60Hz<br>(Criteria C) |
| Conducted Emission               | CISPR - 11         |  |
| Radiated Emission                | CISPR - 11         |  |
| Electrical Fast Transient        | IEC 61000 - 4 - 4  | Level III (2kV)  |

### Ordering Information

| Product Code | Supply Voltage | Output       |               | Certification |
|--------------|----------------|--------------|---------------|---------------|
| MFM284-C-CE  | 85 to 270V AC  | Pulse Output | Comm. (RS485) | CE            |