

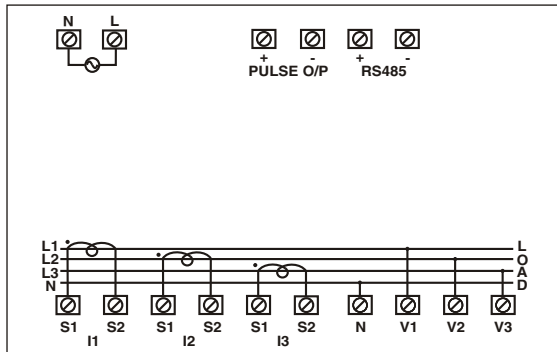


96 x 96

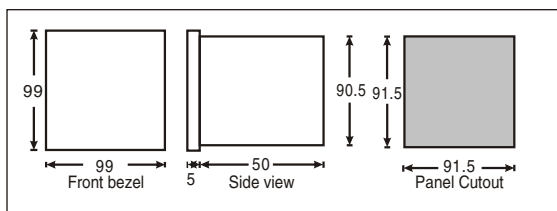
Ordering Information

Order Code	Supply Voltage
MFM384	90 to 270V AC / DC

Terminal Connections



Dimensions (in mm)



MFM384

- Display** : LCD
 4 rows, 4 digits (Lowest 8 digits for energy display)
 Bargraph representation for current
- Input Type** : 3Ø-3/4 wire, 2Ø-3 wire, 1Ø-2 wire
- Input Voltage** : 19 to 519V AC (phase to phase), 50/60Hz
 11 to 300V AC (phase to neutral), 50/60Hz
- Input Current** : 1A / 5A Max (External CT must be connected for current more than 5A)
- Resolution** : For energy- 0.01k, 0.1k, 1k, 0.01M, 0.1M, 1M, 10M
 (depending upon CT ratio X PT ratio)
 : For Power, Voltage, Current- Auto resolution
 : For Power factor- Resolution is 0.001
- Measuring Parameters** : -Voltage (P-P / P-N) (Individual / Average)
 -Current (I1, I2, I3) (Individual / Average)
 -Frequency
 -Power Factor (Individual / Average)
 -Active, Reactive, Apparent Power (Individual / Total)
 -Active, Reactive, Apparent Energy (Total)
- Accuracy** : Voltage(L-N / L-L), Current - 0.5% of F.S
 Power factor - ± 0.01 PF
 Frequency - $\pm 0.1\%$ (For $V > 20V$ L-N, $V > 25V$ L-L)
 Power (kW, kVA, kVAr) - Class 1
 Active energy - Class 1
 Reactive energy - Class 1
 Apparent energy - Class 1
- C.T Secondary programmable between 1A or 5A.**
- C.T primary programmable from 1A / 5A to 10,000A (Programmable for any value)**
- PT primary programmable from 100V to 500kV (Programmable for any value)**
- PT secondary 100 to 500V AC (phase to phase)**
- Supply Voltage** : 90 to 270V AC / DC
- Pulse Output** : 1 (Opto-isolated)
Pulse Voltage : 24V DC
Pulse Current : 100mA (Max)
Pulse Duration : 100ms
- RS485 MODBUS Communication**
- Operating Temperature:** 0 to +50° C