

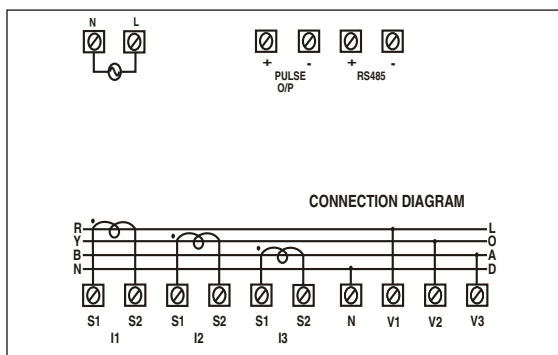


96 x 96

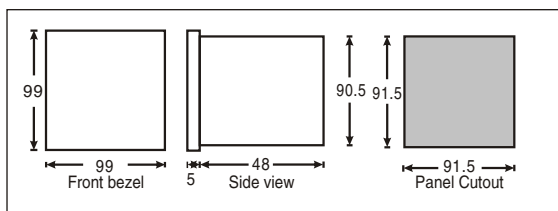
Ordering Information

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-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 - 0.1%
Power (kW, kVA, kVAr) - $\pm 1\%$ of F.S
Active energy - Class 1
Reactive energy - Class 2
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)**
- **P.T primary programmable from 100V to 500kV (Programmable for any value)**
- **P.T 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