



96 x 96 mm

Features :

- 3 Ø (L-N) rms voltage
- 3 Ø (L-N) rms current
- 3 Ø Power factor
- 3 Ø Power (active, reactive, apparent)
- Frequency

Display specifications

Display	3 rows, 7 segments LED
Digits	3

Input specifications

Electrical connection	3Phase -3Wire, 3Phase-4Wire
Input voltage	11 to 300 V (phase to neutral) 19 to 300 V (phase to phase)
Input current range	Nominal AC (Min - 20mA, Max - 6A)
Frequency	45 to 65Hz
Power consumption	< 8VA/max
Accuracy	Voltage (NL/ LL): ± 0.5% of F Current : ± 0.5% of F Power factor : ± 1.00 Frequency : ± 0.1% of range for-L voltage > 35V Power (active, reactive, apparent)
Measuring Parameters	Voltage (L-L N) (individual/average), Current (I1, I2, I3) (individual / average), Frequency, Power factor (individual/average), active power & apparent power (individual / average)

Supply specifications

Auxiliary supply	85V to 276V / 60Hz
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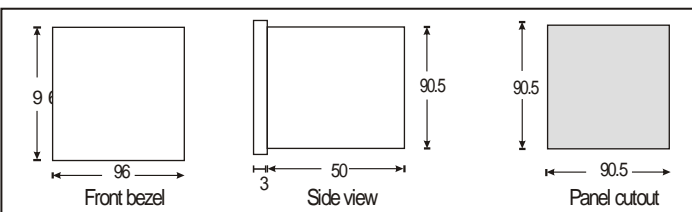
Environmental specifications

Temperature	Operating: 0 to 55 Storage: -25 to 75
Humidity - condensation	upto 85% RH

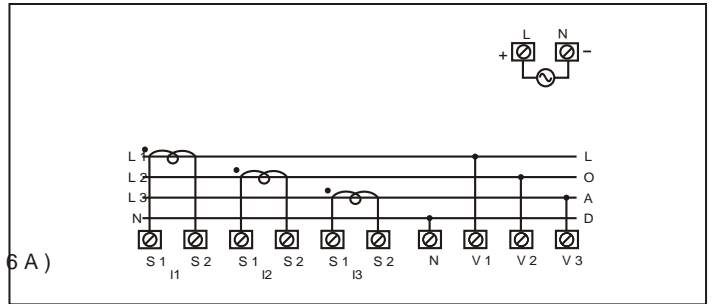
Mechanical specifications

Mounting	Panel mount
Weight	191gms

Dimensions (all are in mm)



Terminal connection



Compliance

Applicable EMI / EMC Standards		
Product standard: IEC: 61326 - 1		
Category		Standards Compliance
EFT	IEC 61000	Level III (2KV)
Electrical Fast Transient Immunity	IEC 61000	± 2kV Common mode, (Line to Line) ± 1kV Differential mode, (Line to Line)
Voltage dips and interruption	IEC 61000	Dips 0% residual voltage / 1 cycle (Criteria B), 40% residual voltage / 10 cycles 50Hz / 12 cycles 60Hz / 70% residual voltage / 25 cycles 50Hz / 30 cycles 60Hz (Criteria C) Interruption 0% residual voltage / 250 cycles 50Hz / 300 cycles 60Hz (Criteria C)
ESD immunity	IEC 61000	Level IV (Air Discharge : 15kV) (Contact Discharge : 8kV)
Radiated susceptibility	IEC 61000	Level III, 80 to 1000MHz (100V/m) Level II, 1.4GHz to 2GHz (30V/m) Level I, 2GHz to 2.7GHz (1V/m)
Radiated emission	CISPR - 1	
Conducted emission	CISPR - 1	

Ordering information

Product code	Supply voltage	Certification
MFM391	85V to 276V	---