

# Multifunction Meters

*New*



Monitors 3Ø

- V, A, F
- Power (Active, Reactive & Apparent)
- Power factor

# Digital Panel Meters

Voltage Ampere Meters

*New*



- Single phase

*New*



- Three phase

- Direct current measurement :
  - ▶ 30A ▶ 80A
- Voltage measurement :
  - ▶ 180 - 300V

Other Product Ranges:

METERS | CTs | PROTECTION RELAYS | TIME SWITCHES | TIMERS & COUNTERS | TEMPERATURE CONTROLLERS | PLCs, HMI & VFDs | ALUMINIUM ENCLOSURES

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Specification overleaf...



48 x 48mm



48 x 48mm



96 x 96mm

### Technical Specification

	MVA593	MVA591	MFM391
DISPLAY TYPE	LED display		
DIGIT	2 rows, 3 digit each		3 rows, 3 digits each
NO. OF KEY	NA		2
ELECTRICAL CONNECTION	3Ø - 4W	1Ø - 2W	3Ø - 4W, 3Ø - 3W
RATED INPUT VOLTAGE	160 to 300V AC (Each phase w.r.t. to neutral)	210 to 250V (L - N)	11V to 300V AC
RATED INPUT CURRENT	30A or 80A through CT provided with product	1 to 30A through CT provided with product	0.020A to 6A
VOLTAGE RESOLUTION	1V		
CURRENT RESOLUTION	Auto resolution		0.01A
ACCURACY	For Voltage and Current : ±0.5% of Full scale for 30A and ±1% of full scale for 80A	For Voltage and Current : ±1% of full scale	For Voltage and Current : ±0.5% of full scale, Active, Reactive & Apparent Power : 1%, Power factor : ±1%
FREQUENCY	45 - 55Hz		45 - 65Hz (Frequency will display after 50V AC input voltage)
MEASURING PARAMETERS	Voltage : L - N of each phase Current : Phase current of 3 phase	Voltage & Current - L - N	Voltage (L - L / L - N) (Individual / Average), Current (Individual / Average), Frequency, Power factor, Active, Reactive & Apparent Power (Individual / Total)
POWER CONSUMPTION	45VA max	15VA max	8VA max
SUPPLY VOLTAGE	Self powered		85 to 270V (L - N)
TEMPERATURE	Operating : -10 to 55°C, Storage : -25 to 70°C		
HUMIDITY	Up to 95% non condensing		Up to 85% non condensing

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