



**BLACK
CURRANT**

LE ELECTRONICS Pvt. Ltd.

Product name: *Digital Panel Meter (DPM)*



Model No: *(DPM22-VF1)* (22.5 mm series Single phase Voltage meter)
 (DPM22-VF3) (22.5 mm series Three phase Voltage meter)
 (DPM22-AF1) (22.5 mm series Single phase Current meter)
 (DPM22-VAF1) (22.5 mm series Single phase Voltage & Current meter)
 (DPM22-VAFP1) (22.5 mm series Single phase Voltage & Current meter
with power factor)
 (DPM48-VF1) (48 mm series Single phase Voltage meter)
 (DPM48-VF3) (48 mm series Three phase Voltage meter)
 (DPM48-AF1) (48 mm series Single phase Current meter)
 (DPM48-AF3) (48 mm series Three phase Current meter)
 (DPM48-VAF1) (48 mm series Single phase Voltage & Current meter)
 (DPM48-VAF3) (48 mm series Three phase Voltage & Current meter)
 (DPM48-VAFP1) (48 mm series Single phase Voltage & Current meter with
power factor)
 (DPM48-VAFP3) (48 mm series Three phase Voltage & Current meter with
power factor)

 (DPM96-VF1) (96 mm series Single phase Voltage meter)
 (DPM96-AF1) (96 mm series Single phase Current meter)
 (DPM96-VF3) (96 mm series Three phase Voltage meter)
 (DPM96-AF3) (96 mm series Three phase Current meter)

(DPM96-*VAF1*) (96 mm series Single phase Voltage & Current meter)
(DPM96-*VAF3*) (96 mm series Three phase Voltage & Current meter)
(DPM96-*VAFPI*) (96 mm series Single phase Voltage & Current meter with power factor)
(DPM96-*VAFP3*) (96 mm series Three phase Voltage & Current meter with power factor)

Features:

- True rms measurement
- Compact, robust and light weight design
- Fault indication for UV, OV *
- True phase difference measurement
- Programmable display scan speed
- Universal range auxiliary supply
- Upto 4 Seven Segment Displays to display parameters of the three phases
- Selectable Single phase or 3 phase operation
- Red LED super bright display. (Blue, Green - optional)
- Excellent long term stability

22.5 mm series with 3 digits

Parameters Vs Models	Auxiliary Supply	Voltage	Current	Frequency	Power Factor	OV/UV/OC/UC* indication	Single /Three phase
<i>DPM48-VF1</i>	230VAC /12-24VDC	300VAC	-	30-70 Hz	-	Settable	Single phase
<i>DPM22-VF3</i>	230VAC /12-24VDC	300VAC	-	30-70 Hz	-	Settable	Three phase
<i>DPM22-AF1</i>	230VAC /12-24VDC	-	5A*1000	30-70 Hz	-	Settable	Single phase
<i>DPM22-VAF1</i>	230VAC /12-24VDC	300VAC	5A*1000	30-70 Hz	-	Settable	Single phase
<i>DPM22-VAFPI</i>	230VAC /12-24VDC	300VAC	5A*1000	30-70 Hz	1%	Settable	Single phase

48 mm series with 3 digits or 4 digits

Parameters Vs Models	Auxiliary Supply	Voltage	Current	Frequency	Power Factor	OV/UV/OC/UC* indication	Single /Three phase
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DPM48-VF1	Universal AC /12-24VDC	750VAC	-	30-70 Hz	-	Settable	Single phase
DPM48-VF3	Universal AC /12-24VDC	750VAC	-	30-70 Hz	-	Settable	Three phase
DPM48-AF1	Universal AC /12-24VDC	-	5A*1000	30-70 Hz	-	Settable	Single phase
DPM48-AF3	Universal AC /12-24VDC	-	5A*1000	30-70 Hz	-	Settable	Three phase
DPM48-VAF1	Universal AC /12-24VDC	750VAC	5A*1000	30-70 Hz	-	Settable	Single phase
DPM48-VAF3	Universal AC /12-24VDC	750VAC	5A*1000	30-70 Hz	-	Settable	Three phase
DPM48-VAFPI	Universal AC /12-24VDC	750VAC	5A*1000	30-70 Hz	1%	Settable	Single phase
DPM48-VAFP3	Universal AC /12-24VDC	750VAC	5A*1000	30-70 Hz	1%	Settable	Three phase

96 mm series with 3 digits or 4 digits

Parameters Vs Models	Auxiliary Supply	Voltage	Current	Frequency	Power Factor	OV/UV/OC/UC* indication	Single /Three phase
DPM96-VF1	Universal AC /12-24VDC	750VAC	-	30-70 Hz	-	Settable	Single phase
DPM96-VF3	Universal AC /12-24VDC	750VAC	-	30-70 Hz	-	Settable	Three phase

DPM96-AF1	Universal AC /12-24VDC	-	5A*1000	30-70 Hz	-	Settable	Single phase
DPM96-AF3	Universal AC /12-24VDC	-	5A*1000	30-70 Hz	-	Settable	Three phase
DPM96-VAF1	Universal AC /12-24VDC	750VAC	5A*1000	30-70 Hz	-	Settable	Single phase
DPM96-VAF3	Universal AC /12-24VDC	750VAC	5A*1000	30-70 Hz	-	Settable	Three phase
DPM96-VAFP1	Universal AC /12-24VDC	750VAC	5A*1000	30-70 Hz	1%	Settable	Single phase
DPM96-VAFP3	Universal AC /12-24VDC	750VAC	5A*1000	30-70 Hz	1%	Settable	Three phase

Technical specifications:

Measurement type: 3 Phase: 4 wires
Single Phase: 2 wire

Burden on Aux: 2 VA (Maximum)
Accuracy class: 0.5%

Measurement: *True RMS Measurement*
Display Scrolling: Auto
Display Type: 7 segment LED; Height: 0.5”
Digits: 3 digits or 4 digits

22.5 mm series with 3 digits

Dimensions (L x B x H mm): 110 mm, 45 mm, 75 mm Approximately

48 mm series with 3 digits

Dimensions (L x B x H mm): 110 mm, 45 mm, 75 mm Approximately

96 mm series with 3 digits

Dimensions (L x B x H mm): 110 mm, 45 mm, 75 mm Approximately

Weight: Grams
Humidity: < 95 % non- condensing
Temperature: Operating: 0° to 50° C
Storage: -20° to 75° C

Applications:

- Generator Control Panel
- Distributive Control panel
- Electrical Control Panel
- Generator Sets
- APFC Panel
- Energy Management
- Motor Control
- Auto Mains Failure Panels
- Battery Charger Panels
- Inverter Panels, UPS
- RND Centres
- Display Kiosk
- Test Benches
- Metering Equipment
- Control Rooms
- Laboratories

Contact:



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* UV- Under Voltage,
OV- Over Voltage,
UC- Under Current,
OC- Over Current