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CURRANT**

LE ELECTRONICS Pvt. Ltd.

Product name: *Line Voltage Monitoring Relay (LVM)*



Model No: (*LVM-P5*) 45 mm series

Features:

- True rms measurement
- Upto 4 parameter settings through presets
- Fault indication for UV, OV, UBV, RPV, SPPV *
- True phase difference measurement
- Compact, robust and light weight design
- 2 CO relay output
- Auto / Manual / Remote reset with onboard reset switch
- Selectable Voltage range

Line Voltage Monitors 45 mm series:

	Over Voltage	Under Voltage	Unbalance	Trip Delay	On delay
LVM-P5A	PT1 (105 to 120 %)	PT2 (80 to 95 %)	30 V	PT3 (0 to 10 Sec)	PT4 (0 to 10 Sec)

LVM-P5B	PT1 (105 to 120 %)	PT1 (80 to 95 %)	PT2 (30 to 60 V)	PT3 (0 to 10 Sec)	PT4 (0 to 10 Sec)
LVM-P5C	PT1 (105 to 120 %)	PT2 (80 to 95 %)	PT3 (30 to 60 V)	PT4 (0 to 10 Sec)	5 Sec
LVM-P5D	PT1 (105 to 120 %)	PT2 (80 to 95 %)	PT3 (30 to 60 V)	PT4 (0 to 10 Sec)	PT4 (0 to 10 Sec)

Types of supply:

Single Phase (2 wire) & Three Phase (3wire / 4 wire) Models

Technical specifications:

Auxiliary supply: 170 to 290 VAC, 50Hz
Burden on Line: 0.05 VA per phase (Maximum)
Burden on Aux: 5 VA (Maximum)
Accuracy class: 0.5%

Temperature: Operating: 0° to 50° C
 Storage: -20° to 75° C

Dimensions (L x B x H mm): 110 mm, 45 mm, 75 mm Approximately
Mounting (L x W): 35 mm din rail mounting

Weight:

Relay Contact rating: 230VAC, 5A Max, NO-C-NC – 2 CO

Applications:

- Generator Control Panel
- Distributive Control panel
- Electrical Control Panel
- Generator Sets
- Test Bench
- APFC Panel
- Energy Management
- Motor Control
- Auto Mains Failure Panels
- Battery Charger Panels
- Inverter Panels, UPS

Contact:



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* UV- Under Voltage,
OV- Over Voltage,
UBV- Unbalanced Voltage,
RPV- Reverse phase Voltage,
SPPV- Single Phase Voltage Protection,