



LE ELECTRONICS Pvt. Ltd.

Product name: *Line Current Monitoring Relay (LCM)*
(45 mm series without Display)

Model No: (LCM-P5) 45 mm series

Features:

- True rms measurement
- Upto 4 parameter settings through presets
- Fault indication for UC, OC, UBC, RPC, SPPC *
- Compact, robust and light weight design
- 2 CO relay output
- Manual / Remote reset with onboard reset switch
- *Smart* load switch off detection

Line Current Monitors 45 mm series:

	Over Current	Under Current	Unbalance	Trip Delay	On delay
LCM-P2A	PT1 (105 to 120 %)	PT2 (80 to 95 %)	30 V	5 Sec	5 Sec
LCM-P2B	PT1 (105 to 120 %)	PT1 (80 to 95 %)	30V	PT2 (0 to 10 Sec)	PT2 (0 to 10 Sec)
LCM-P2C	PT1 (105 to 120 %)	PT1 (80 to 95 %)	PT2 (30 to 60 V)	5 sec	5 Sec
LCM-P2D	PT1 (105 to 120 %)	PT1 (80 to 95 %)	30 V	PT2 (0 to 10 Sec)	5 Sec
LCM-P2E	10 %	10 %	PT1 (30 to 60 V)	PT2 (0 to 10 Sec)	5 Sec
LCM-P2F	10 %	10 %	PT1 (30 to 60 V)	PT2 (0 to 10 Sec)	PT2 (0 to 10 Sec)
LCM-P2G	PT1 (105 to 120 %)	10 %	PT2 (30 to 60 V)	5 Sec	5 sec

Types of supply:

Single Phase & Three Phase Models

Technical specifications:

Auxiliary supply: 170 to 290 VAC, 50Hz

Burden on Aux: 5 VA Maximum

Accuracy class: 0.5%

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

Current Trip Setting

Over Current: 105 to 120 %
Under Current: 80 to 95 %
Unbalance Current: 10 – 20 %
Trip delay: 0 to 10 Sec
On delay: 0 to 10 Sec

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:



LE ELECTRONICS PVT LTD

228, Yogi Industrial Estate,
Ram Mandir Road, Goregaon (West),
Mumbai – 400104.

Email: sales@leela-electronics.com, leelaelectronicsales1@gmail.com

Tel: 022-66949994
022-40030077

Fax: 022-40039757

- * UC- Under Current,
- OC- Over Current, Current
- UBC- Unbalanced Current,
- RPC- Reverse phase Current,
- SPPC- Single Phase Current Protection