

- Single Phase
- 100A
- Surface Mounted
- MID Approved (for billing)
- Commonly referred to as a kWh Meter, Check Meter, Generation Meter, Solar Meter, Single Tariff Meter or Sub-Meter

### Variants:

- **Non-Pulse and Pulse**  
(CM100LCD-P for remote monitoring or connection to a BMS [Building Management System])
- **Short and Extended Terminal Cover** (CM100LCD-ETC)
- **2 Rate/Multi-tariff** (CM100LCD-2RATE)
- **Bi-directional for Solar/Renewables, Import/Export, Net kWh** (CM100LCD-NET)
- **GSM** (EML-SMART)
- **Wi-Fi** (EML-WF)
- **Smart Prepayment** (EML-TU)
- **Din Rail version for fuse boards, mounting in an enclosure or installations in harsh or external areas** (DR2100-2MOD)



Remember to order your seals and wire.

Sealing the terminal cover ensures security and safety.

Sealing pliers also available.



Other great products in the CM100LCD range:



CM100LCD-ETC



CM100LCD-2RATE



EML-SMART



EML-WF



EML-TU



DR2100-2MOD

Electrical		
Voltage	Nominal voltage	220V—240V
	Maximum	276V
	Voltage withstand	415V (maximum 6 hours)
Frequency	Nominal frequency	50Hz
	Frequency variation	± 5%
Current	Basic current (Iref)	5, 10, 15 and 20A
	Maximum (Imax)	100A (140% overcurrent)

Metrology		
Accuracy	Active energy	Class B (1%), to EN 50470 1-3

The meter meets the essential requirements of the Measuring Instruments Directive (MID) 2004/22/EC

Environmental	
Temperature Range	-40°C to +70°C
Ingress protection	IP52, to BS EN 60529

Meters are intended for installation in a class E2 electromagnetic environment and Class M1 Mechanical Environment according to 2004/22/EC Directive

Physical	
Terminal arrangement	BS 7856
Main Terminal size	8.2 mm diameter
Terminal Construction	Solid brass

Dimensions: H 91mm x W 125mm x D 40mm