

- 100A
- Din Rail Mounted version of the popular CM100LCD
- MID Approved (for billing)
- Backlit display
- Commonly used in caravan hookups, consumer units and distribution boards.
- Saves space and time
- **Pulse Output as standard** (for remote monitoring or connection to a BMS [Building Management System])
- **2 Rate/ Multi-Tariff variant** (DR2100-MF-2R, external time switch required)
- **Multifunction Modbus variant** (DR2100-MF-2MOD)
- **M-Bus variant** (DR2100-MF-MBUS)
- **LoRaWAN variant** (DR2100-MF-LORA)



Dimensions:  
H: 99mm W: 36mm D: 63mm

Display Dimensions:  
45mm x 36mm

Technical Data	
Certification	MID B&D Approved
Operating Humidity	≤ 75%
Storage Humidity	≤ 95%
Operating Temperature	-20°C - +50°C
Storage Temperature	-30°C - +70°C
International Standard	IEC 62053-21
Accuracy Class	1
Mounting	DIN rail (DIN 43880)
Sealing	IP51 Indoor
Nominal Voltage Input	(Ph+N) 230V AC
Max Continuous Voltage	120% of nominal
AC Voltage Withstand	4KV for 1 minute
Impulse Voltage Withstand	6KV-1.2μS
Reference Input current	0.5A
Base Input Current (Ib)	10A
Maximum Input Current (I <sub>max</sub> )	100A AC
Max Continuous Current	120% of nominal
Operational Current Range	0.4% I <sub>b</sub> -I <sub>max</sub>
Over current withstand	20I <sub>max</sub> for 0.01s
Frequency	50Hz (±10%)
Power Consumption	≤ 2W/10VA/phase
Pulsed Output	1000imp/kWh



Other great products in the range:



DR2100-MF-2MOD



DR2100-MF-MBUS



DR2100-MF-LORA