



LEW3

Three phase credit / prepayment meter



LEW3 multi-tariff and advanced solution in a compact shape. Dedicated to prepayment LEWsystem Apator.

MAIN FEATURES

- TOU and multi-rate tariff (up to 16 tariffs and 8 zones)
- Two calendars (240 programmable free days)
- Maximum demand and power factor control
- Reverse energy detection and measurement
- Display of recently introduced 10 codes
- Advanced protection against tampering
- Programmable power and current limit
- Credit and prepayment mode
- Remaining credit forecast
- Active/reactive energy
- Low credit alarms
- Emergency credit
- Event register

OPTIONAL FEATURES

- Ready for Smart Metering
- Remote LEW CIU (Customer Interface Unit)
- Remote keypad - RC5 TV controller
- Portable TOC token (Two-way Optical Communication)

Smart, Adaptable and Multifunctional

SPECIFICATIONS

Voltage ratings

Reference voltage (U_n)	3 x 230 / 400 V
Voltage range	0.8 – 1.15 U_n
Supply frequency	50 Hz

Current ratings

Starting current	0.4 % I_b
Basic current (I_b)	5 / 10 / 15 / 20 A
Maximum current	40 / 60 / 80 / 100 A

Power consumption in voltage circuits < 0,7 W / < 3 VA

Rated insulation voltage 6 kV

Over voltage protection 4 / 8 / 12 kV

Accuracy class
1 or 2 (active energy)
2 or 3 (reactive energy)

IP Rating IP 54

Display LED 8-digits

System Prepayment LEWsystem Apator
Smart Metering systems

Weather conditions

Working temperature	-40 to +70 °C
Humidity	90 %

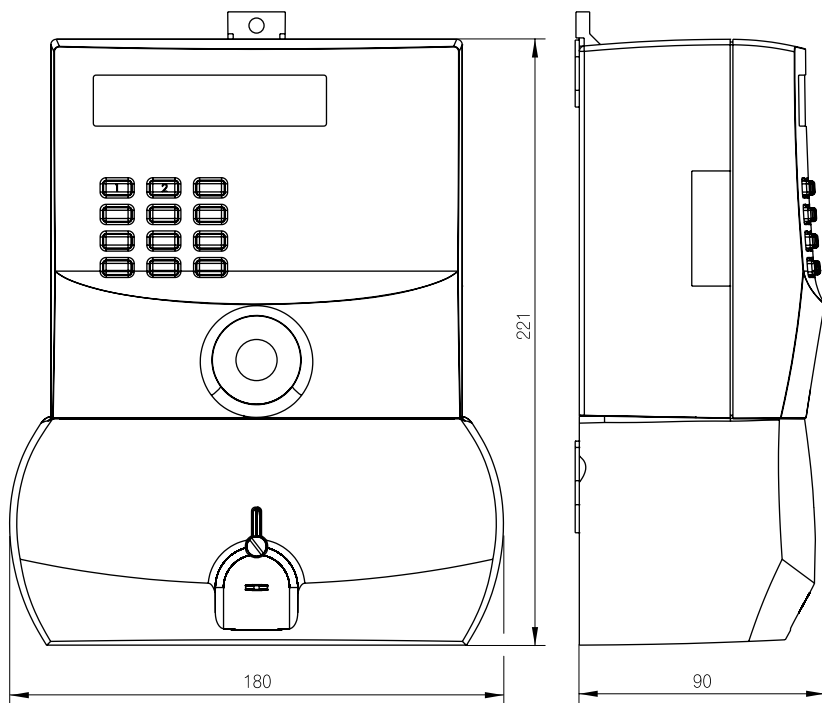
Cable size 2.5 – 35 mm²

Dimensions w/h/d 180 / 221 / 90 mm

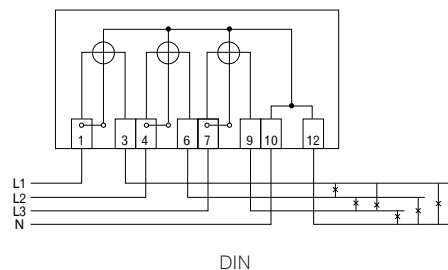
Weight 1.5 kg

Standards
EN 62052-11
EN 62053-21
EN 62053-23

Certificates PTB – 2.3-4011825



Wiring diagram



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