

7M SERIES
SMART Energy meters



Multi-function Bi-directional energy meters
with backlit Matrix LCD display.
MID certified up to 80 A @ 70°C, for 3 or 4 wire systems
and single phase applications.
Type 7M.38.8.400.0xxx

Programming via Smartphone - Android and Apple - with NFC technology.

Meter programming and customization via App.

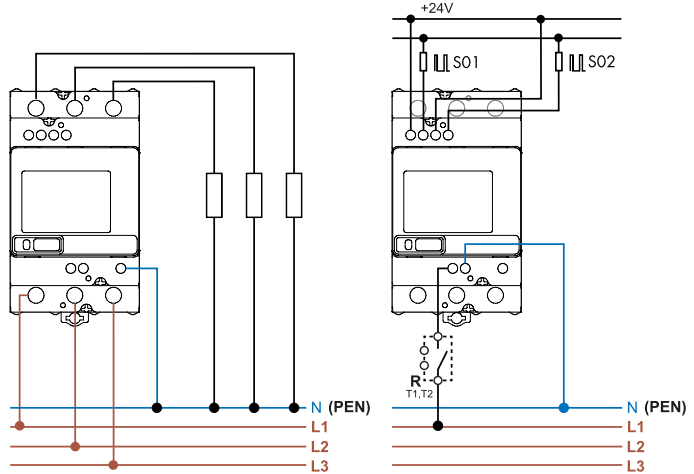
Ability to read recorded energy usage via NFC, even in the absence of the supply network.

- Direct connection up to 80 A, dual tariff and dual S0 outputs
- 2 active energy MID counters -imported and exported- + 2 reactive energy counters -imported and exported- (nationally certified), 16 resettable counters
- Multiple tariffs (up to 4 depending on type) with resettable counters
- Display of total or partial (resettable) consumption: kWh, kVAh, kvarh
- Scroll to view the following instantaneous values: V, A, PF, kW, kVA, kvar, Hz, THD V, THD A, phase angle and direction of power flow
- Multifunction touch button
- Active energy accuracy Class B according to EN 50470-3 (MID)
- Reactive energy accuracy Class 2 to EN 62053-23
- Sealable tamperproof terminal shield
- Protection category II



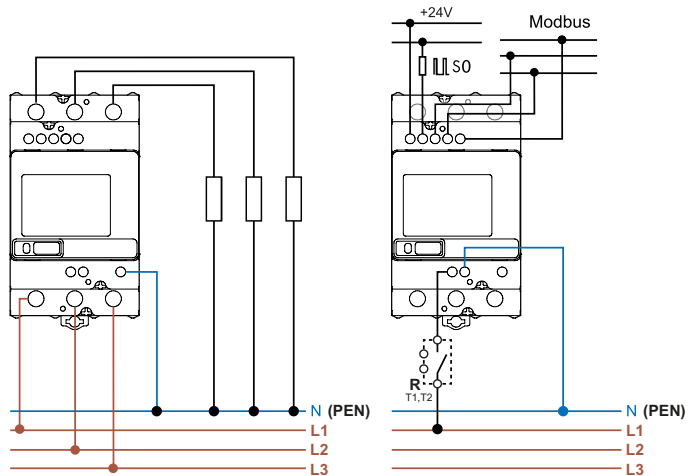
Type 7M.38.8.400.0112

Dual S0 outputs and IR communication port and NFC technology



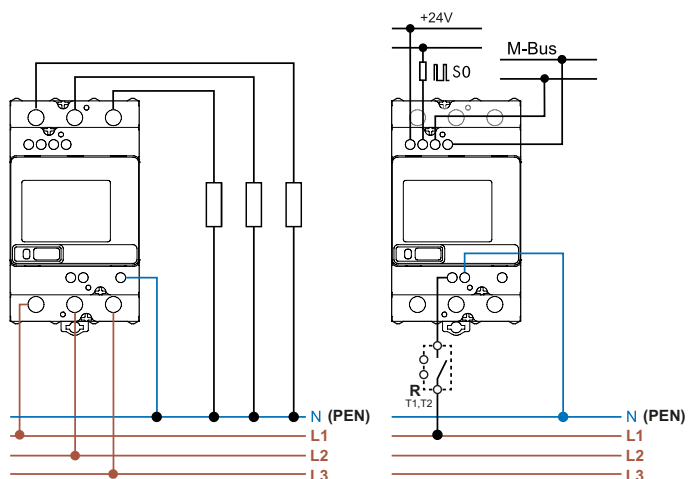
Type 7M.38.8.400.0212

RS485 Modbus integrated interface and IR communication port and NFC technology



Type 7M.38.8.400.0312

M-Bus integrated interface and IR communication port and NFC technology



NFC Technology

Thanks to NFC technology it is possible to read the energy meter without the presence of the supply network, as well as customize and program characteristics such as the primary address or baud rate.