

active energy meter

WS 0021



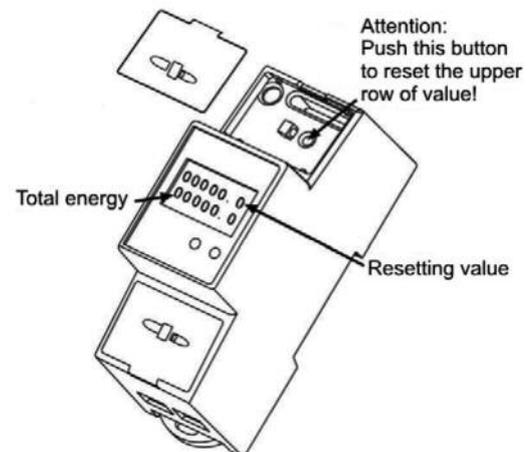
► Direct connection 80 A

Application

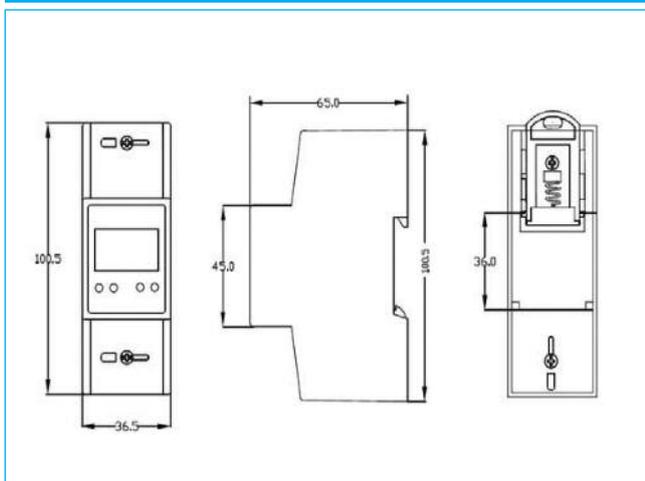
WS 0021 is an electronic single phase active energy meter. The meter measures positive active energy directly in a 2-wire network. Meter accuracy class is 1, according to the EN SIST 62053-21 standard for active energy meter. The meter can be mounted on a DIN rail (2-pitch).

Features

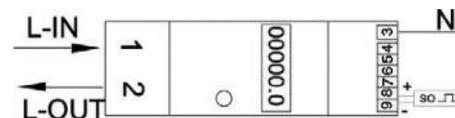
- Single phase direct connected DIN-rail mounting meter
- Class 1 according to EN 62053-21 and
- EN 62052-11
- Maximum current 80 A (I_{max})
- Base current (I_b) 5 A
- Starting current 0.004 I_b
- 230 V rated system voltage input (U_n)
- Voltage operating range -20%...+15% U_n
- Reference frequency 50 or 60 Hz
- Power consumption circuit < 8 VA
- Temperature range as indoor meter according to IEC 62051-11
- 7-digit LCD
- LED rate for energy flow 1000 p/kWh
- Pulse output 1000 imp/kWh
- Two energy registers – a total register and a zero setting register



Overall dimensions



Installation



(see figures below) For monitoring purpose only Rail mountig according EN 60715 Power contacts capacity 2.5...10 mm² Connection screws M3.5 Pulse output contact capacity 1...2.5 mm² Pulse output screws M3 Max torque 1.2 Nm