

active energy meter



## WS 0014



### ► Direct connection 45 A

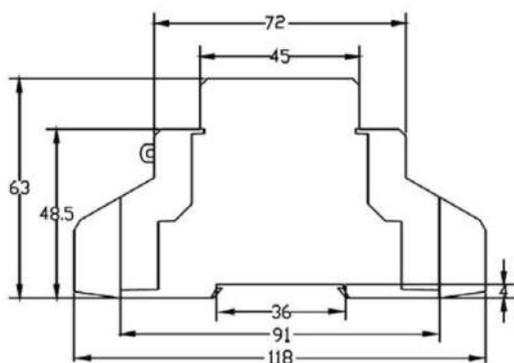
### Application

WS 0014 is an electronic single phase active energy meter. The meter measures active energy directly in a 2-wire network. Meter accuracy class is 1, according to the IEC 62053-21 standard for active energy meter. The meter can be mounted on a DIN rail (1-pitch).

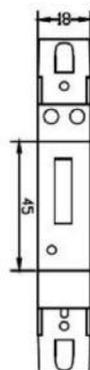
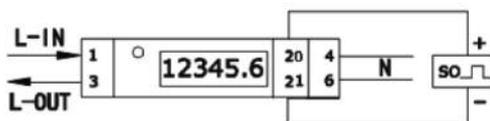
### Features

- Single phase direct connected DIN-rail mounting meter
- Class 1 according to IEC 62053-21
- Maximum current 45 A ( $I_{max}$ )
- Basic current ( $I_b$ ) 5 A
- Starting current 0,004  $I_b$
- 230 V rated system voltage input ( $U_n$ )
- Voltage operating range -30% ... +30%  $U_n$
- Reference frequencies 50 or 60 Hz
- Power consumption circuit < 8 VA,  $\leq$  0.4 W
- Temperature range as indoor meter according to IEC 62052-11
- 7-digit LCD (5+2) 99999.99 kWh
- LED rate for energy flow 1000 imp/kWh
- Pulse output 1000 imp/kWh:
  - Voltage 12 ~ 27 V, Current  $\leq$  27 mA
  - Impulse width=90 ms
  - Limits of values: max 60 VDC, max 50 mA

### Overall dimensions



### Installation



For monitoring purpose only.  
 Rail mounting according to EN 60715.  
 Power terminals capacity 15 mm<sup>2</sup>.  
 Power terminals screws M 3.5.  
 Neutral terminal screw M 3.5.  
 Max torque 1.2 Nm.  
 Pulse output contact capacity up to 15 mm<sup>2</sup>.