

# Single-phase-meter DHZ



## Description

- Digital single-phase-meter
- Non-contact display switching
- Precision class 1 in accordance with IEC 1036
- Useable in all positions
- Installation on DIN rail in accordance with EN 50022 (TS 35)
- For distribution cabinet installation
- PTB-approval calibrated deliverable
- Wire connection max. 16 mm<sup>2</sup>, pulse connection max. 0,75 mm<sup>2</sup>
- **Type DHZ Standard**  
with display for energy and display test
- **Type DHZ Professional with pulse or M-Bus**  
with display for energy, returnable energy, power, voltage, current, factor of power, display test and software version

## Interfaces

### S0-Pulse output DIN 43864

- Pulse length 60 ms
- Pulse value 1.000 Imp./kWh
- Capacity: 27 V 27; 13 mA

### M-Bus interface EN 13757-2,3

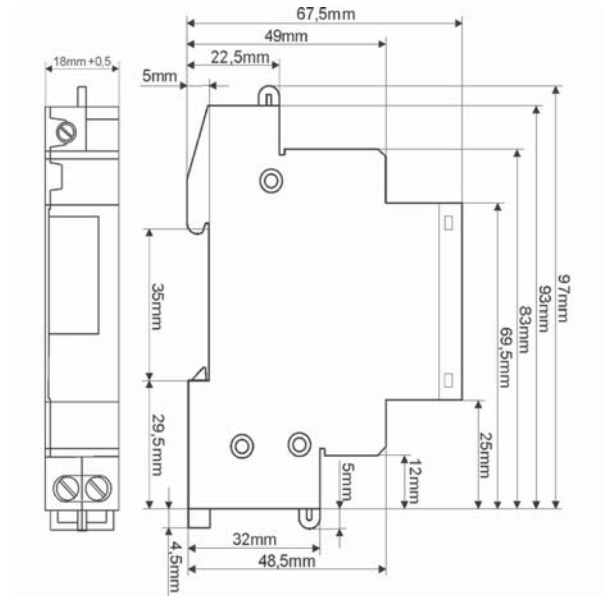
- Primary- and secondary address configurable

### Manufacturer setting

- Primary address = last two digits of serial number
- Secondary address = last eight digits of serial number
- Baud rate max. 9.600 Baud

## M-bus data transmission

- Energy (kWh)
- Current (A)
- Instantaneous power (W)
- Voltage (V)
- Serial number



Accessory	Item No.
Case installation frame up to 2 TE grey	4555
Case installation frame up to 2 TE black	4557
Spacer 1 TE grey	4556

Technical Data	DHZ
Voltage (U)	1 x 230 V
Current (I)	5 (63) A
Frequency (f)	50 Hz
Counter	5.1
Precision	1 %
Self consumption (Pe)	< 0,3 W
Temperature range (Tr)	-10 ... +45 °C
Protection class	IP 20
Weight	0,08 kg
Dimensions (W x H x D)	18,5 x 93 x 63 mm
Order information	Item No.
DHZ 5/63 2/230-1 (uncalibrated)	08030120
DHZ 5/63 2/230-1 (calibrated)	08120120
Professional with pulse output	
DHZ 5/63 S0 2/230-1 (uncalibrated)	08030121
DHZ 5/63 S0 2/230-1 (calibrated)	08120121
with M-Bus	
DHZ 5/63 M-Bus 2/230-1 (uncalibrated)	08030122
DHZ 5/63 M-Bus 2/230-1 (calibrated)	08120122

Changes, errors and missprints excepted. Products on pictures could include optional parts and modules which are not seperately mentioned.