



TE370

IP20

### 3Ph Kwhmeter via CT with KNX output

#### Technical properties

#### Architecture

Bus system KNX

#### Functions

Precision class 1%

#### Function

Power and energy consumption measurement ; Total output and total power consumption measurement ; Reset for partial meter per input ; Partial and total meter per recording ; Recording of the total power/consumption figures ; Tariff switching via 1-byte or 1-bit object

#### Configuration

Channels flashing counter channel LED (0.1 Wh/pulse x transformer ratio)

#### Controls and indicators

Indication / display LC display with illumination

Manual selection switches / push-buttons with a manual operation button for scrolling through the values

Button / push-button with reset button ; with programming button for adjusting the maximum converter primary current and power supply type

#### Main electrical features

Frequency 50/60 Hz

#### Voltage

Operating voltage 230/400 V~ +/- 15%

Operating voltage over bus 21...32 V DC

#### Electric current

Bus current consumption (data transfer) 8 mA

Making current 10 mA

Reference current 5 A

Max. measurement circuit current 5 A

#### Dimensions

Width of rail mounted device (RMD) 4 modules

#### Power

Power consumption measuring element per phase max. 2.8 VA

Total power loss under IN 2 W

#### Measurement

Idle power measurement

YES

### Connection

Conductor cross-section (flexible)	1...6 mm <sup>2</sup>
Conductor cross-section (rigid)	1.5...10 mm <sup>2</sup>
Terminal	with connecting terminal for tariff input (HT/NT) ; with 3-phase mains connection terminal ; 3 connecting terminals for current transformers
Bus coupling unit	with integral bus coupling unit
Type of connection	with screw terminals
Bus connection	bus connection via connecting terminal
Type of connection	direct

### Settings

Supported configuration modes	system
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### Equipment

Type of counter	other
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### Use

Differentiation characteristic 2 - Sales	with display
Differentiation characteristic 3 - Sales	with integral bus coupling unit

### Standards

PTB certified product	1
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### Safety

REACH conform	Yes
RoHS conform	Yes

### Use conditions

Operating temperature	-10...55 °C
Storage/transport temperature	-25...70 °C

### Identification

Main design line	KNX
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