



TE360

IP20

### 3Ph Kwhmeter direct 100A 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 ; Recording of the power/consumption data for individual phases ; Tariff switching via 1-byte or 1-bit object

#### Configuration

Channels flashing counter channel LED (2 Wh/pulse)

#### 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 integrated in the programming button

#### 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 80 mA

Reference current 20 A

Max. measurement circuit current 100 A

#### Dimensions

Width of rail mounted device (RMD) 7 modules

#### Power

Power consumption measuring element per phase max. 2.5 VA

Total power loss under IN 2 W

#### Measurement

Idle power measurement NO

Subject to technical modifications

**Connection**

Conductor cross-section (flexible)	2.5...35 mm <sup>2</sup>
Conductor cross-section (rigid)	2.5...35 mm <sup>2</sup>
Terminal	with connecting terminal for tariff input (HT/NT) ; with mains connection input and output terminal 3phase
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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**Use conditions**

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

**Identification**

Main design line	KNX
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