



TE332

IP20

Consumption Indicator KNX with current transformers

Technical properties

Architecture

Bus system	KNX
Type of product	Through-feed current converter

Functions

Precision class	5%
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Function	Recording of the power/consumption data for individual phases ; Recording of the total power/consumption figures ; flexible data recording via transformer ; Partial and total meter per recording ; Output of voltage and current to the bus ; Dynamic mode (temporarily increased data transmission) ; Reset for partial meter per input ; Total output and total power consumption measurement ; Power and energy consumption measurement ; Total and partial meter per input ; Tariff switching via 1-byte or 1-bit object
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Configuration

Channels	counter channel LED (1 Wh/pulse)
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Controls and indicators

Manual selection switches / push-buttons	3 Manual operation buttons for channel addressing
Button / push-button	with illuminated programming button

Main electrical features

Frequency	50/60 Hz
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Voltage

Operating voltage	230 V~ +10%/-15%
Operating voltage over bus	21...32 V DC
Voltage	Tariff T1 = 0 V; Tariff T2 = 230 V AC +10%/-15% ; connection length between T1/T2 maximum 25 m

Electric current

Bus current consumption (data transfer)	15 mA
Maximum current of primary	90 A
Maximum current of secondary	48 mA

Dimensions

width of opening	14 mm
Height of opening	14 mm
Diameter of opening	14 mm
Width of rail mounted device (RMD)	6 modules

Measurement

Subject to technical modifications

Idle power measurement NO

LED control

LED with control LED per channel

Connection

Conductor cross-section 0.2...2.5 mm²

Terminal with connecting terminal for outside temperature sensor ; with connecting terminal for remote communication input (only for France) ; with connecting terminal for tariff input (HT/NT) ; 3 connecting terminals for current transformers ; with mains connection terminals ; with 2 connecting terminals of the reference phases for counter channel 2 and 3

Bus coupling unit with integral bus coupling unit

Type of connection with QuickConnect plug-in terminals

Bus connection bus connection via connecting terminal

Type of connection Convertible

Settings

Supported configuration modes system, easy

Equipment

Type of counter Energy meter

Standards

Certified product no

General standards NF EN 60730-1 ; EN 50491-5-1 ; EN 50491-5-2 ; EN 50491-3

PTB certified product 0

Software

Software Class A

Safety

REACH conform No

RoHS conform Yes

Halogen free No

Use conditions

Operating temperature -5...45 °C

Storage/transport temperature -25...70 °C

Identification

Main design line KNX