SIEMENS

Data sheet 7KT1666



SENTRON, measuring device, 7KT PAC1600, LCD, L-L: 400 V, L-N: 230 V, 80 A, strd rail instr., 3-phase, Modbus RTU/ASCII + MID, apparent/active/ reactive energy, self-powered, screw terminals

Model	
product brand name	SENTRON
product designation	Energy counter
product quality calibrated	Yes
type of measured value detection load profile	No
type of signal	S0
design of the energy counter	Solid-state
design of the pulse output	Electrical
General technical data	
energy-related number of pulses	
● minimum	1 1/kVAh
● maximum	1 000 1/kVAh
type of the power supply network	three-wire/four-wire
operating voltage	
● between L and L minimum	323 V
● between L and L maximum	456 V
● between N and L minimum	187 V
● between N and L maximum	264 V
Protection class	
protection class IP	IP40
Main circuit	
operating frequency rated value	
● minimum	45 Hz
● maximum	65 Hz
operational current rated value	80 A
Suitability	
suitability for use	Import/export
Product function	
product function	
● backstop	Yes
● blocking code	Yes
Display and operation	
display version	digital
Number	
number of characters that can be displayed	10
Mechanical Design	
number of modular width units	4
fastening method	DIN rail device
Net Weight	360 g

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Approvals Certificates

Environment	General Product Approval

Environmental Confirmations

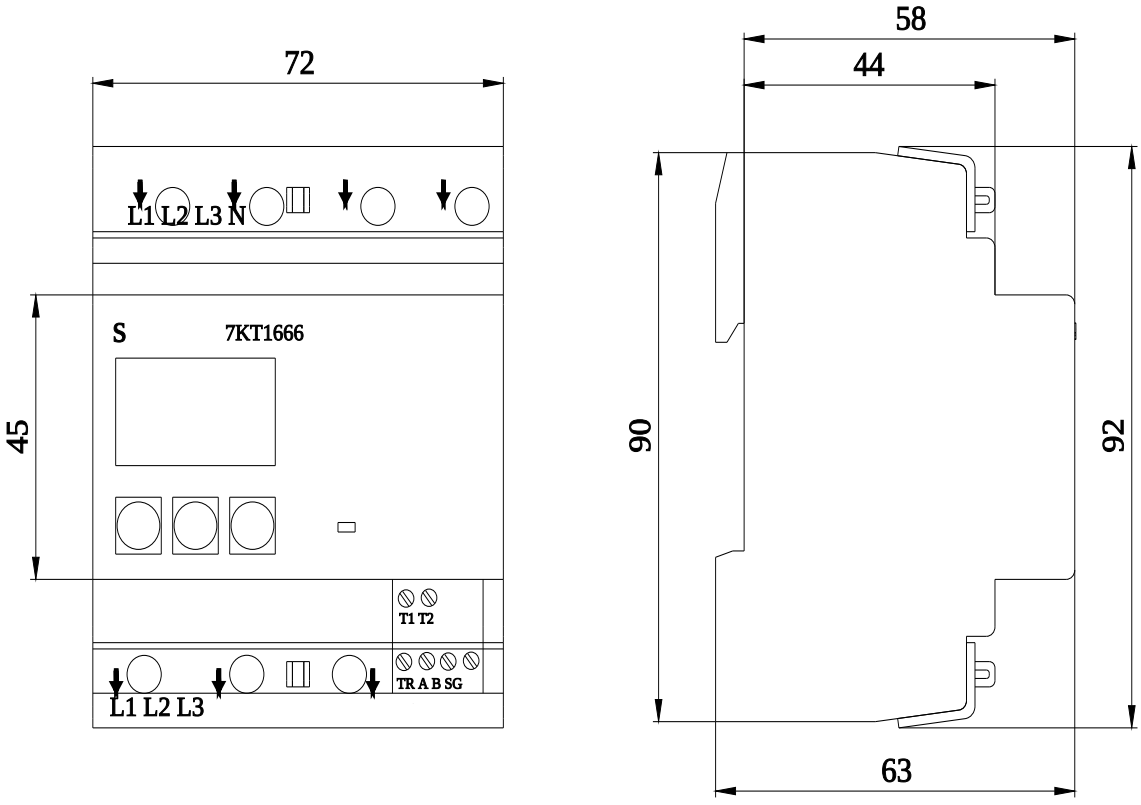
Confirmation

other

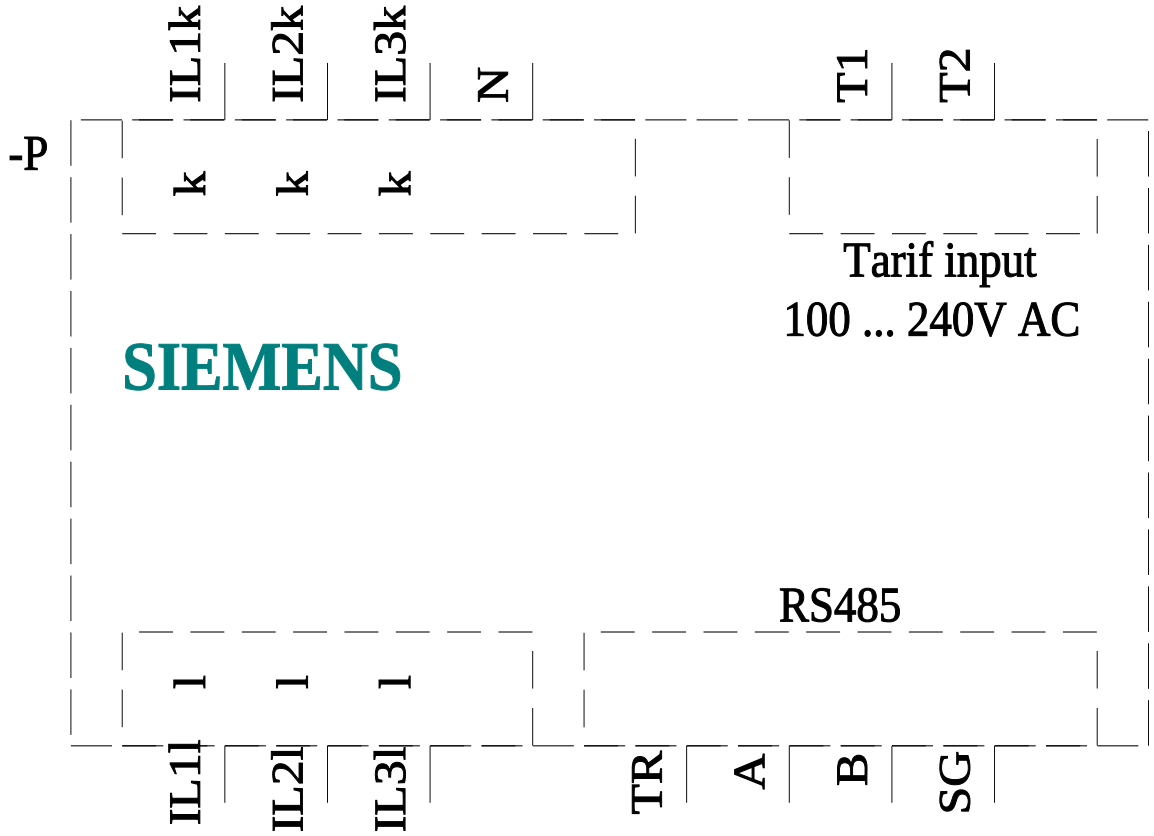
Confirmation

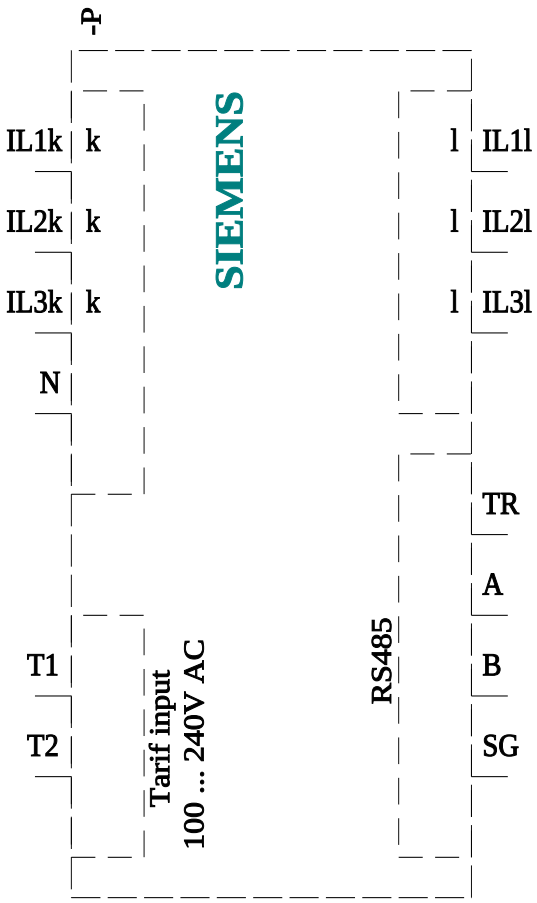
Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/lowvoltage/catalogs
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7KT1666
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/7KT1666
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KT1666
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Kennlinien
https://curves.simaris.siemens.com/curves/7KT1666



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