SIEMENS

Data sheet 7KT1666-0EE00-0EE0



SENTRON, measuring device, 7KT PAC1600, LCD, L-L: 400 V, L-N: 230 V, 80 A, DIN rail instrument, 3-phase, Modbus RTU/ASCII + MID, apparent / active / reactive energy, with internal power supply, screw terminal, 30 units, standard transmission rate 38400 bps, year of calibration 2022/2023

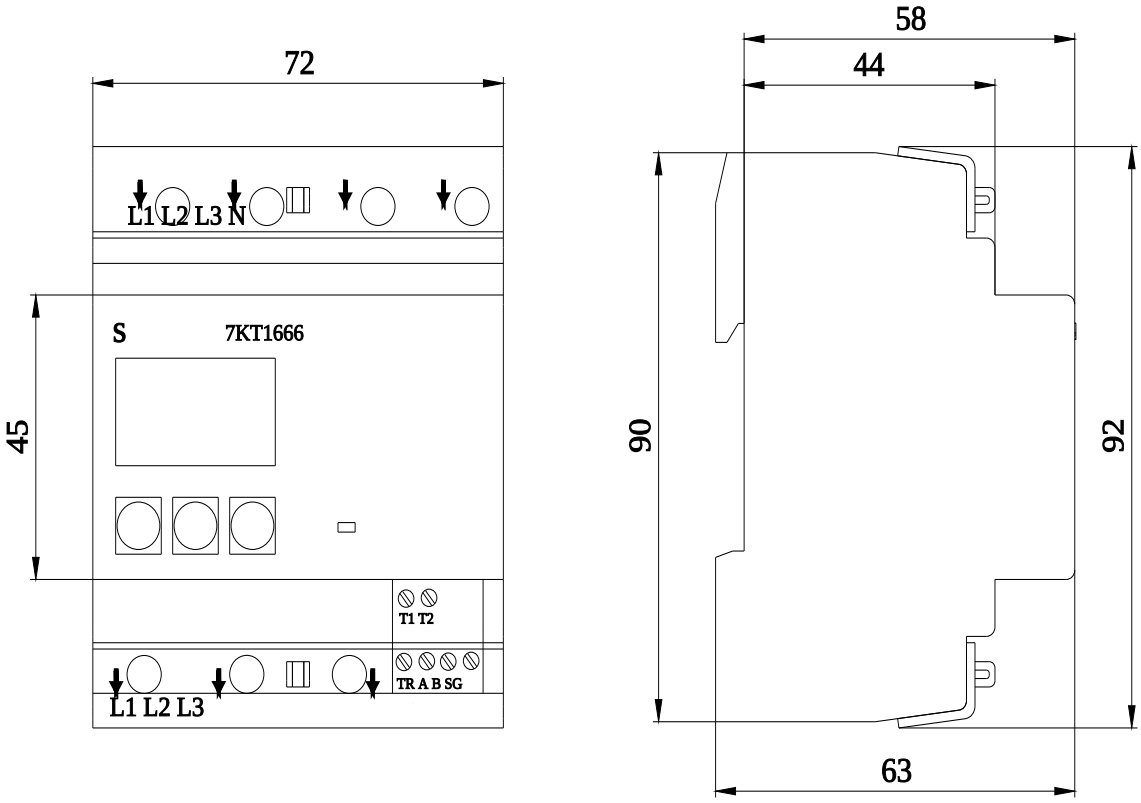
Model	
product brand name	SENTRON
product designation	Energy counter
product quality calibrated	Yes
type of measured value detection load profile	No
General technical data	
energy-related number of pulses	
● minimum	1 1/kVAh
● maximum	1 000 1/kVAh
type of the power supply network	three-wire/four-wire
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	
operational current rated value	80 A
Suitability	
suitability for use	Import/export
Product function	
product function	
● backstop	Yes
● blocking code	Yes
Number	
number of characters that can be displayed	10
Mechanical Design	
number of modular width units	4
fastening method	DIN rail device
Net Weight	291 g
Approvals Certificates	

Environment	General Product Approval		other	
Environmental Confirmations	EAC	Confirmation	Confirmation	产品合格 QC PASS

Subject to change without notice
© Copyright Siemens

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=7KT1666-0EE00-0EE0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/7KT1666-0EE00-0EE0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KT1666-0EE00-0EE0
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Kennlinien
https://curves.simaris.siemens.com/curves/7KT1666-0EE00-0EE0



last modified: 10/14/2025

Subject to change without notice
© Copyright Siemens

Subject to change without notice
© Copyright Siemens