SIEMENS

SENTRON, measuring device, 7KT PAC1600, LCD, L-L: 400 V, L-N: 230 V, 80 A, strd rail instr., 3-phase, S0, apparent/active /reactive energy, self-powered, screw terminals
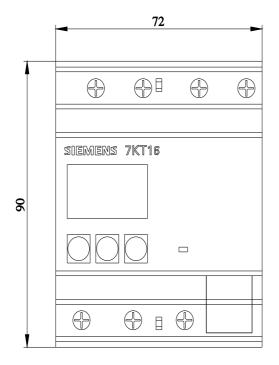
Model	
product brand name	SENTRON
product designation	Energy counter
product quality calibrated	No
type of measured value detection load profile	No
type of signal	S0
design of the energy counter	Solid-state
design of the pulse output	Electrical
General technical data	
energy-related number of pulses	
● minimum	1 1/kVAh
● maximum	1 000 1/kVAh
type of the power supply network	three-wire/four-wire
Supply voltage	
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	398 g

Approvals Certificates	
General Product Approval	**other**

UK CA
CE EG-Konf.
[Confirmation](#)
EAC
[Miscellaneous](#) [Confirmation](#)

Further information

Siemens has decided to exit the Russian market (see here).
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7KT1670

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
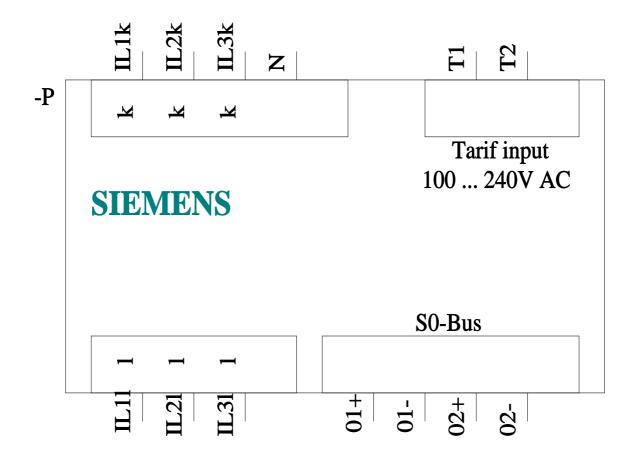https://support.industry.siemens.com/cs/ww/en/ps/7KT1670

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
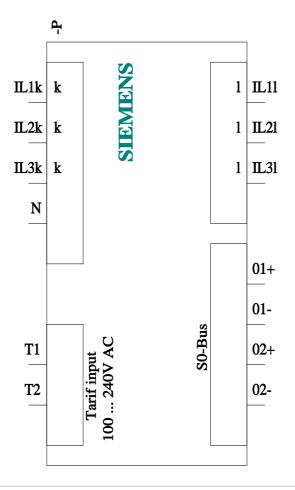http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KT1670

CAx-Online-Generator
http://www.siemens.com/cax

Tender specifications
http://www.siemens.com/specifications

-P

IL1k IL2k IL3k N   T1 T2

k   k   k

SIEMENS

Tarif input
100 ... 240V AC

S0-Bus

1   1   1

IL1l IL2l IL3l   01+ 01- 02+ 02-

-P

IL1k | k   1 | IL1l

IL2k | k   1 | IL2l

IL3k | k   1 | IL3l

N

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T1   01+

T2   01-

Tarif input
100 ...240V AC   S0-Bus   02+

02-

12/22/2023