## **SIEMENS**

Data sheet 7KT1543



E counter with LC display, 3-phase, 80 A, 2xS0, 2 tariffs, Direct connection with meter zero setting data transmission function  $\,$ 

Model		
product brand name	SENTRON	
-	No	
product quality / calibrated	No	
type of measured value detection / load profile	S0	
type of signal	Solid-state	
design of the energy counter		
design of the pulse output Electrical  General technical data		
	F00 4/13/AL	
energy-related number of pulses	500 1/kVAh	
energy-related number of pulses	500 4 // V/A	
• minimum	500 1/kVAh	
• maximum	500 1/kVAh	
type of the power supply network	Four-wire	
accuracy class	1.2	
measuring precision	class 1 (active energy according to EN 50470-3); class 2 (reactive energy according to EN 62053-23)	
Rated current of the consumption measurement / with transformer measurement	without	
Supply voltage		
operating voltage		
<ul><li>rated value</li></ul>	400 V	
<ul><li>between N and L / minimum</li></ul>	184 V	
<ul><li>between N and L / maximum</li></ul>	276 V	
Protection class		
protection class IP	IP50	
Current		
energy counter current type	2-4-conductor counter	
tariff version of the energy counter	two tariff	
energy counter energy type	active energy meter/reactive energy meter	
short-term overload current	80 A	
Main circuit		
operating frequency / rated value	50 Hz	
• minimum	50 Hz	
• maximum	50 Hz	
operational current / rated value	5 A	
Suitability		
suitability for use	Import/export	
<ul> <li>incremental value acquisition</li> </ul>	No	
• incremental value acquisition		

product component		
electronic pulse generator		No
pulse output		Yes
Product function		
product function		
<ul><li>backstop</li></ul>		No
blocking code		No
<ul> <li>electricity tariff meter changeover</li> </ul>		Yes
Display and operation		
display version		digital
Number		
number of characters that can be displayed		8
Connections		
energy counter connection type		direct connection
Mechanical Design		
number of modular width units		4
fastening method		installation
fastening method / side-by-side mounting		Yes
net weight		409 g
General Product Declaration of Approval Conformity	of	





**Miscellaneous** 

## **Further information**

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=7KT1543

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/7KT1543

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

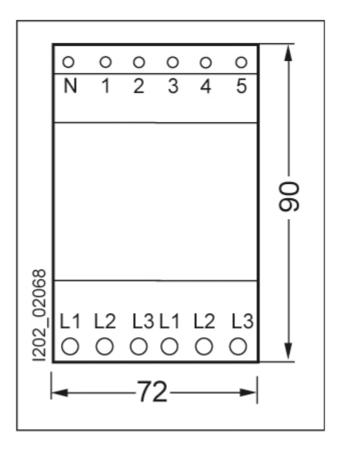
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=7KT1543

**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications



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