

E counter with LC display, 3-phase, 80 A, 2xS0, 2 tariffs, Direct connection calibrated according to MID data transmission function



Model	
Product brand name	SENTRON
Product quality / calibrated	Yes
Type of measured value detection / load profile	No
Type of signal	S0
Design of the electricity meter	Solid-state
Design of the pulse output	Electrical
General technical data	
Energy-related number of pulses	500 1/kVAh
Energy-related number of pulses	
• 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

Protection class	
Protection class IP	IP50
Electricity	
Electricity meter current type	2-4-conductor counter
Tariff version of the electricity meter	two tariff
Electricity meter energy type	active energy meter/reactive energy meter
Short-term overload current	80 A
Main circuit	
Operating frequency	
• initial value	50 Hz
• Full-scale value	50 Hz
• rated value	50 Hz
Operating voltage	
• rated value	400 V
• between N and L / minimum	184 V
• between N and L / maximum	276 V
Operating current / rated value	5 A
Suitability	
Suitability for use	Import/export
• incremental value acquisition	No
Product details	
Product component	
• electronic pulse generator	No
• pulse output	Yes
Product function	
Product function	
• Backstop	No
• Blocking code	No
• Electricity tariff meter changeover	Yes
Display and operation	
Display version	digital
Communication	
Design of the interface	Other types
Number	
Number of characters that can be displayed	8
Connections	
Electricity meter connection type	direct connection
Mechanical Design	

Number of width units	4
Mounting type	installation
Mounting type / Side-by-side mounting	Yes

Certificates

Certificate of suitability Measuring Instruments Directive

General Product Approval

Declaration of Conformity



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=7KT1545>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7KT1545>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KT1545

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>

