

E-METER WITH LC-DISPLAY, 3 PHASE,CT/5A,2XS0,2 TARIFFS,
TRANSFORMER CONNECTION CALIBRATED E.G. BY MID
COMMUNICATION CAPABLE



Model	
product brandname	SETRON
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	100 1/kVAh
Energy-related number of pulses	
• minimum	1 1/kVAh
• maximum	100 1/kVAh
Type of the power supply network	Four-wire
Accuracy class	1.2
Rated current of the consumption measurement / with transformer measurement	5A
Protection class	
Protection class IP	IP50

Electricity	
Electricity meter current type	4-wire measuring transformer meter
Tariff version of the electricity meter	two tariff
Electricity meter energy type	active energy meter/reactive energy meter
Short-term overload current	6 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	measuring transformer 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

EMC

Declaration of Conformity



IMQ



C-Tick



EG-Konf.

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/7KT1542>

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

<http://support.automation.siemens.com/WW/view/en/7KT1542/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KT1542

CAX-Online-Generator

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

Tender specifications

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