



SENTRON, measuring device, 7KM PAC2200, LCD, L-L: 400 V, L-N: 230 V, 65 A, strd rail instr., 3-phase, Modbus TCP, 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	
type of the power supply network	three-wire/four-wire
Supply voltage	
operating voltage	
<ul style="list-style-type: none"> between L and L minimum between L and L maximum between N and L minimum between N and L maximum 	3 V 480 V 3 V 276 V
Protection class	
protection class IP	IP40
Main circuit	
operating frequency rated value	
<ul style="list-style-type: none"> minimum maximum 	45 Hz 65 Hz
operational current rated value	65 A
Suitability	
suitability for use	Import/export
Product function	
product function	apparent/active/reactive energy
product function	
<ul style="list-style-type: none"> backstop blocking code 	Yes Yes
Display and operation	
design of the display	LCD
display version	digital
Communication	
protocol is supported	Modbus TCP

Measuring inputs	
measurable supply voltage	
<ul style="list-style-type: none"> • between (PE)N and L at AC maximum rated value • between the line conductors at AC maximum rated value 	230 V 400 V
Number	
number of characters that can be displayed	12
Mechanical Design	
number of modular width units	6
fastening method	DIN rail device
Net Weight	524 g
Approvals Certificates	
Environment	General Product Approval

[Environmental Con-
firmations](#)

[Environmental Con-
firmations](#)

Siemens
EcoTech



[Confirmation](#)

General Product Approval

other



[Confirmation](#)



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=7KM2200-2EA40-1EA1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7KM2200-2EA40-1EA1>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KM2200-2EA40-1EA1

CAX-Online-Generator

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

Tender specifications

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

Characteristic curves

[https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP="HAUPT"></mmp_prod_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)



