

SENTRON, measuring device, 7KM PAC2200, LCD, L-L: 400 V, L-N: 230 V, 5 A, strd rail instr., 3-phase, Modbus RTU + MID, apparent/active/ reactive energy, self-powered, screw terminals



Model	
product brand name	SENTRON
product designation	Energy counter
product quality calibrated	Yes
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	
• between L and L minimum	3 V
• between L and L maximum	480 V
• between N and L minimum	3 V
• between N and L maximum	276 V
Protection class	
protection class IP	IP40
Main circuit	
operating frequency rated value	
• minimum	45 Hz
• maximum	65 Hz
operational current rated value	5 A
Suitability	
suitability for use	Import/export
Product details	
special product feature	MID
Product function	
product function	apparent/active/reactive energy
product function	
• backstop	Yes
• blocking code	Yes
Display and operation	
design of the display	LCD
display version	digital
Communication	
protocol is supported	Modbus RTU
Measuring inputs	
measurable supply voltage	
• between (PE)N and L at AC maximum rated value	230 V

- between the line conductors at AC maximum rated value 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	417 g
Environmental footprint	
Global Warming Potential [CO2 eq] total	123 kg
Global Warming Potential [CO2 eq] during manufacturing	13.7 kg
Global Warming Potential [CO2 eq] during operation	110 kg
Global Warming Potential [CO2 eq] after end of life	-1.21 kg

Approvals Certificates		
General Product Approval	Test Certificates	other



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other	Environment
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[Miscellaneous](#)



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#### Further information

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=7KM2200-2EA30-1HA1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7KM2200-2EA30-1HA1>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=7KM2200-2EA30-1HA1](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KM2200-2EA30-1HA1)

CAX-Online-Generator

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

Tender specifications

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





