

SENTRON, measuring device, 7KM PAC2200, LCD, L-L: 400 V, L-N: 230 V, 65 A, strd rail instr., 3-phase, Modbus TCP + 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	65 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 TCP
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	540 g	
Environmental footprint		
Global Warming Potential [CO2 eq] total	119 kg	
Global Warming Potential [CO2 eq] during manufacturing	13.7 kg	
Global Warming Potential [CO2 eq] during operation	106 kg	
Global Warming Potential [CO2 eq] after end of life	-0.847 kg	
Approvals Certificates		
General Product Approval	Test Certificates	other



[Confirmation](#)



[Confirmation](#)

other

Environment

[Miscellaneous](#)



[Environmental Con-
firmations](#)

[Environmental Con-
firmations](#)

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=7KM2200-2EA40-1JA1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/7KM2200-2EA40-1JA1>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KM2200-2EA40-1JA1

CAX-Online-Generator

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

Tender specifications

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



