SIEMENS

Data sheet 7KM2200-2EA40-1DA1

Siemens EcoTech

SENTRON, measuring device, 7KM PAC2200, LCD, L-L: 400 V, L-N: 230 V, 65 A, strd rail instr., 3-phase, Modbus RTU, 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
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 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	

Subject to change without notice
© Copyright Siemens

● 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	437 g

Approvals Certificates

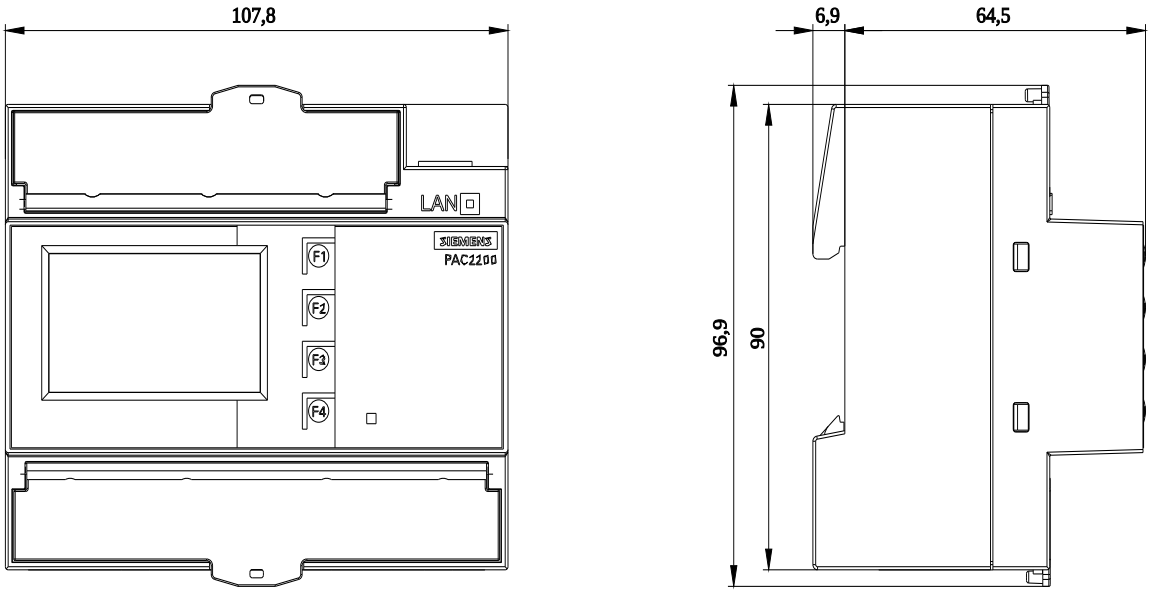
Environment				General Product Approval	
Environmental Confirmations	Environmental Confirmations	EPD	Siemens EcoTech	EAC	Confirmation

General Product Approval	other	
CE EG-Konf.	Confirmation	产品合格 QC PASS

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=7KM2200-2EA40-1DA1
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/7KM2200-2EA40-1DA1
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=7KM2200-2EA40-1DA1
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Kennlinien
https://curves.simaris.siemens.com/curves/7KM2200-2EA40-1DA1

Subject to change without notice
© Copyright Siemens



last modified: 2/1/2026

Subject to change without notice
© Copyright Siemens

Subject to change without notice
© Copyright Siemens