SIEMENS

Data sheet



Power Meter SICAM P50 direct-display control panel installation instrument 96 x 96 mm with graphic display, 2 binary outputs, type of protection: IP41 (standard), RS485 with PROFIBUS DP and Modbus RTU / ASCII

Figure similar

Measuring functions	
sampling frequency / per sampling cycle	3 200 Hz
number of harmonics	19
product function / phase angle measurement	Yes
product function / active power measurement	Yes
product function / reactive power measurement	Yes
product function / apparent power measurement	Yes
product function / querying of limit violations	Yes
product function / logic function	Yes
product function / measurement of the harmonic active power	No
type of measured value detection / min./max. values	Yes
type of measured value detection / mean values	Yes
accuracy class / of the measuring instrument / for measured variable active power / according to IEC 62053-22	0,5S
accuracy class / of the measuring instrument / for measured variable reactive power	1
storage capacity	0.001 Gbyte
Power Quality functions	
power quality assessment function / transient detection/logging	No
power quality assessment function / Total Harmonic Distortion (THD)	Yes
power quality assessment function / voltage dip	No
power quality assessment function / measurement of the harmonic phase angle	No
product function / for voltage variations and flicker / integrated / according to IEC 61000-4-15	No
File formats	
type of data transmission / via CSV	No
Energy Management functions	
product function / active energy measurement	Yes
product function / reactive energy measurement	Yes
product function / apparent energy measurement	Yes
energy management function / calculation of load profiles	No
energy management function / tariffs	No
energy management function / load factor (TOU)	No
number of tariffs	0
Measuring inputs	
number of inputs / for voltage measurement	4
number of inputs / for current measurement	3
input voltage / between L and L / maximum	690 V

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ambient temperature / during storage -25 +70 °C Approval certification certificate of suitability / CE marking certificate of suitability / UL approval No	Environmental conditions	
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Approval certification certificate of suitability / CE marking certificate of suitability / UL approval No	ambient temperature / during storage	-25 +70 °C
certificate of suitability / UL approval	Approval certification	
	certificate of suitability / CE marking	Yes
Further information	certificate of suitability / UL approval	No
	Further information	

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information- and Downloadcenter (catalogues, leaflets,...)

http://www.siemens.com/energy-automation

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=7KG7750-0AA01-0AA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/7KG7750-0AA01-0AA0 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.siemens.com/specifications
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