

PV string monitoring module - SCK-C-MODBUS - 2901674

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SCK communication module for acquiring up to 8 x SCK measuring modules, RS-485 Modbus/RTU output

Your advantages

- Digital input for monitoring the remote indication contacts of surge protection modules
- Internal temperature monitoring of measuring module
- Measuring modules supplied via the communication module



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 623919
GTIN	4046356623919

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	22.5 mm
Height	102 mm
Depth	106 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Maximum altitude	≤ 2000 m
Permissible humidity (operation)	≤ 95 % (non-condensing)
Degree of protection	IP20

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Ambient conditions

Noise immunity	EN 61000-6-2 When being exposed to interference, there may be minimal deviations.
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Switching output

Output name	No switching output
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Power supply

Nominal supply voltage	24 V DC -10 % ... +25 %
Max. current consumption	800 mA
Own current consumption	22 mA (typical)
	45 mA (maximum)
Power consumption	580 mW (24 V DC)

Connection data

Connection method	Screw connection
Conductor cross section solid	0.2 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 12
Torque	0.5 Nm ... 0.6 Nm

General

Electromagnetic compatibility	Conformance with EMC directive 2004/108/EC and for low-voltage directive 2006/95/EC
Noise emission	EN 61000-6-4
Noise immunity	EN 61000-6-2 When being exposed to interference, there may be minimal deviations.
Mounting position	any
Assembly instructions	Horizontal or vertical
Conformance	CE-compliant
UL, USA	1741 Recognized
UL, USA/Canada	508 Listed

Standards and Regulations

Electromagnetic compatibility	Conformance with EMC directive 2004/108/EC and for low-voltage directive 2006/95/EC
Noise emission	EN 61000-6-4
Connection in acc. with standard	UL
Standards/regulations	EN 61010-1
Degree of pollution	2
Conformance	CE-compliant
UL, USA	1741 Recognized
UL, USA/Canada	508 Listed

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

Approvals

Approvals

UL Listed / UL Recognized / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
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UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 325209
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
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EAC			RU C- DE.A*30.B.01082
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cULus Listed			
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