

PV string monitoring module - SCK-M-U-1500V - 2903591


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SCK measuring module for monitoring photovoltaic systems, 1 x voltage measurement up to 1500 V DC, 1 x analog output (2 ... 10 V)



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 752398
GTIN	4046356752398

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	128.5 mm

Ambient conditions

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

Output data

Output name	Analog output
Voltage output signal	2 V DC ... 10 V DC

Power supply

Nominal supply voltage	24 V DC -10 % ... +25 % (or via SSCK-M-I-8S-20A)
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Technical data

Power supply

Own current consumption	8 mA (typical)
	65 mA (maximum)

Connection data

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²

General

Degree of pollution	2
Standards/regulations	EN 61010-1
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.
Conformance	CE-compliant
UL, USA	1741 Recognized
UL, USA/Canada	508 Listed
Torque	0.5 Nm ... 0.6 Nm

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
Conformance	CE-compliant
UL, USA	1741 Recognized
UL, USA/Canada	508 Listed

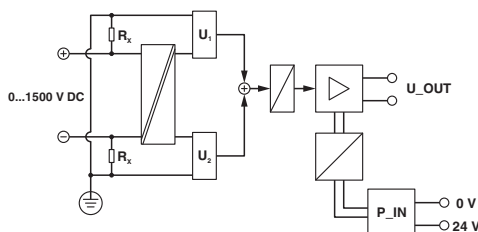
Environmental Product Compliance

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

Drawings

PV string monitoring module - SCK-M-U-1500V - 2903591

Block diagram



Approvals

Approvals

Approvals

UL Recognized / UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 325209
UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
cULus Listed			

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