SIEMENS

Data sheet 3RW5980-0CR00

Figure similar

Communication module Modbus RTU

product brand name	SIRIUS
product category	Communication modules
product designation	Communication module
design of the product	Modbus RTU
manufacturer's article number	
● of soft starter	3RW50
● of soft starter	3RW51
● of soft starter	3RW52
● of soft starter	3RW55
General technical data	
reference code according to IEC 81346-2	A
Substance Prohibitance (Date)	02/11/2019
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw fixing
height	126 mm
width	28 mm
depth	82 mm
weight without packaging	0.1 kg
Connections/ Terminals	
type of connectable conductor cross-sections	
● for control circuit solid	1x (0.2 mm² ... 2.5 mm²)
● for control circuit finely stranded with core end processing	1x (0.25 mm² ... 2.5 mm²), 2x (0.5 mm² ... 1.5 mm²)
● for control circuit finely stranded without core end processing	1x (0.2 mm² ... 2.5 mm²)
● for AWG cables for control circuit solid	1x (24 ... 12)
● for AWG cables for control circuit finely stranded with core end processing	1x (24 ... 12)
Ambient conditions	
installation altitude at height above sea level maximum	5 000 m; Derating as of 1000 m, see catalog
ambient temperature	
● during operation	-25 ... +60 °C; observe derating of basic unit above 40 °C
● during storage and transport	-40 ... +80 °C
environmental category	
● during operation according to IEC 60721	3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6
● during storage according to IEC 60721	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4
● during transport according to IEC 60721	2K2, 2C1, 2S1, 2M2 (max. height of fall 0.8 m)
Safety related data	

protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front

Certificates/ approvals

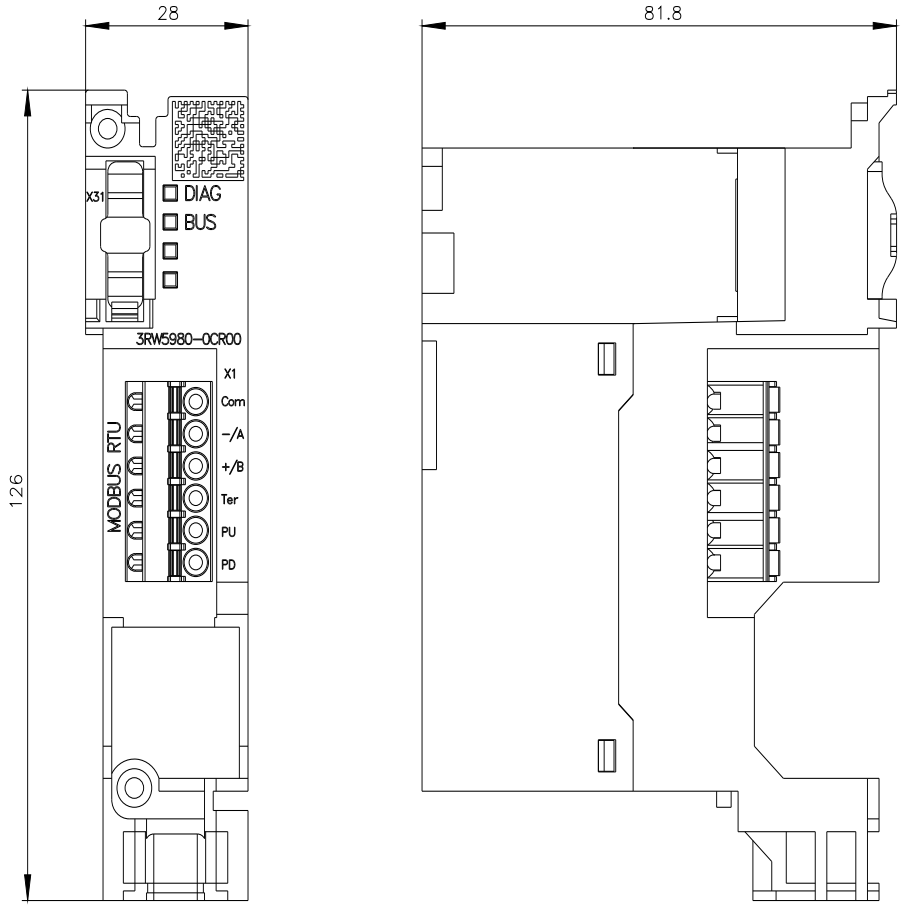
General Product Approval				For use in hazardous locations	Declaration of Conformity
CSA	Confirmation	UL	EAC	Explosion Protection Certificate	EG-Konf.

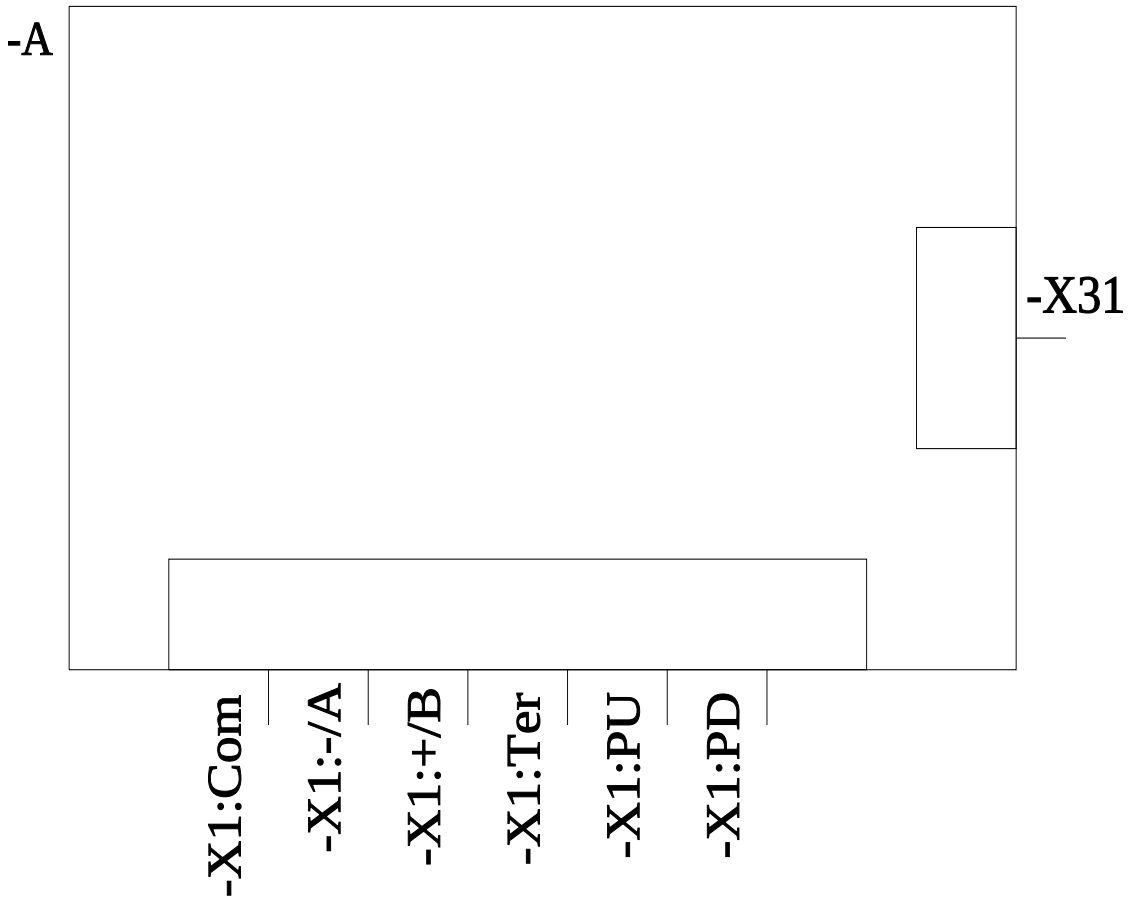
Declaration of Conformity	Test Certificates	Marine / Shipping			
UKCA	Type Test Certificates/Test Report	ABS	BUREAU VERITAS	LRS	PRS

Marine / Shipping	other
DNV·GL	Confirmation

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 on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RW5980-0CR00
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RW5980-0CR00
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RW5980-0CR00
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5980-0CR00&lang=en
Characteristic: Tripping characteristics, I²t, Let-through current
https://support.industry.siemens.com/cs/ww/en/ps/3RW5980-0CR00/char
Characteristic: Installation altitude
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5980-0CR00&objecttype=14&gridview=view1
Simulation Tool for Soft Starters (STS)
https://support.industry.siemens.com/cs/ww/en/view/101494917





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