SIEMENS

Data sheet 3RW5980-0CR00



Communication module Modbus RTU

Figure similar

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 mm ² 2.5 mm ²), 2x (0.5 mm ² 1.5 mm ²)
 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 	3 K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), $3 M6$
 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**



Confirmation



EAC

Explosion Protection Certificate



Declaration of Conformity

Test Certificates

Marine / Shipping



Type Test Certificates/Test Report









Marine / Shipping

other



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

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RW5980-0CR00}$

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

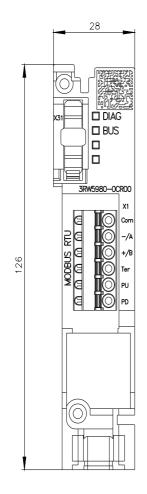
https://support.industry.siemens.com/cs/ww/en/ps/3RW5980-0CR00/char

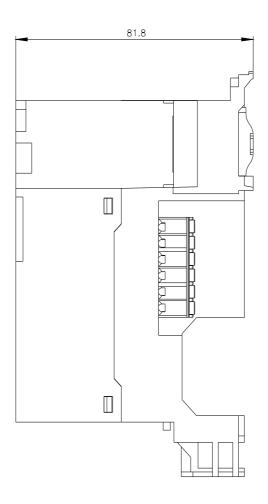
Characteristic: Installation altitude

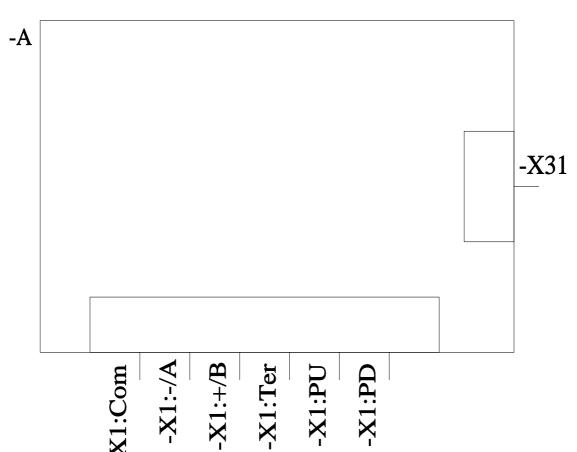
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5980-0CR00&objecttype=14&gridview=view1

Simulation Tool for Soft Starters (STS)

https://support.industry.siemens.com/cs/ww/en/view/101494917







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