



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	
<ul style="list-style-type: none"> • of soft starter • of soft starter • of soft starter • of soft starter 	3RW50 3RW51 3RW52 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	
<ul style="list-style-type: none"> • for control circuit solid 	1x (0.2 mm ² ... 2.5 mm ²)
<ul style="list-style-type: none"> • 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)
<ul style="list-style-type: none"> • for control circuit finely stranded without core end processing 	1x (0.2 mm ² ... 2.5 mm ²)
<ul style="list-style-type: none"> • at AWG cables for control circuit solid 	1x (24 ... 12)
<ul style="list-style-type: none"> • at 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	
<ul style="list-style-type: none"> • during operation 	-25 ... +60 °C; observe derating of basic unit above 40 °C
<ul style="list-style-type: none"> • during storage and transport 	-40 ... +80 °C
environmental category	
<ul style="list-style-type: none"> • 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
<ul style="list-style-type: none"> • during storage according to IEC 60721 	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4
<ul style="list-style-type: none"> • 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
touch protection on the front according to IEC 60529

IP20

finger-safe, for vertical contact from the front

Certificates/ approvals

General Product Approval	For use in hazardous locations	Declaration of Conformity
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[Confirmation](#)



[Explosion Protection Certificate](#)



EG-Konf.

Declaration of Conformity	Test Certificates	Marine / Shipping
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[Type Test Certificates/Test Report](#)



Marine / Shipping	other
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[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

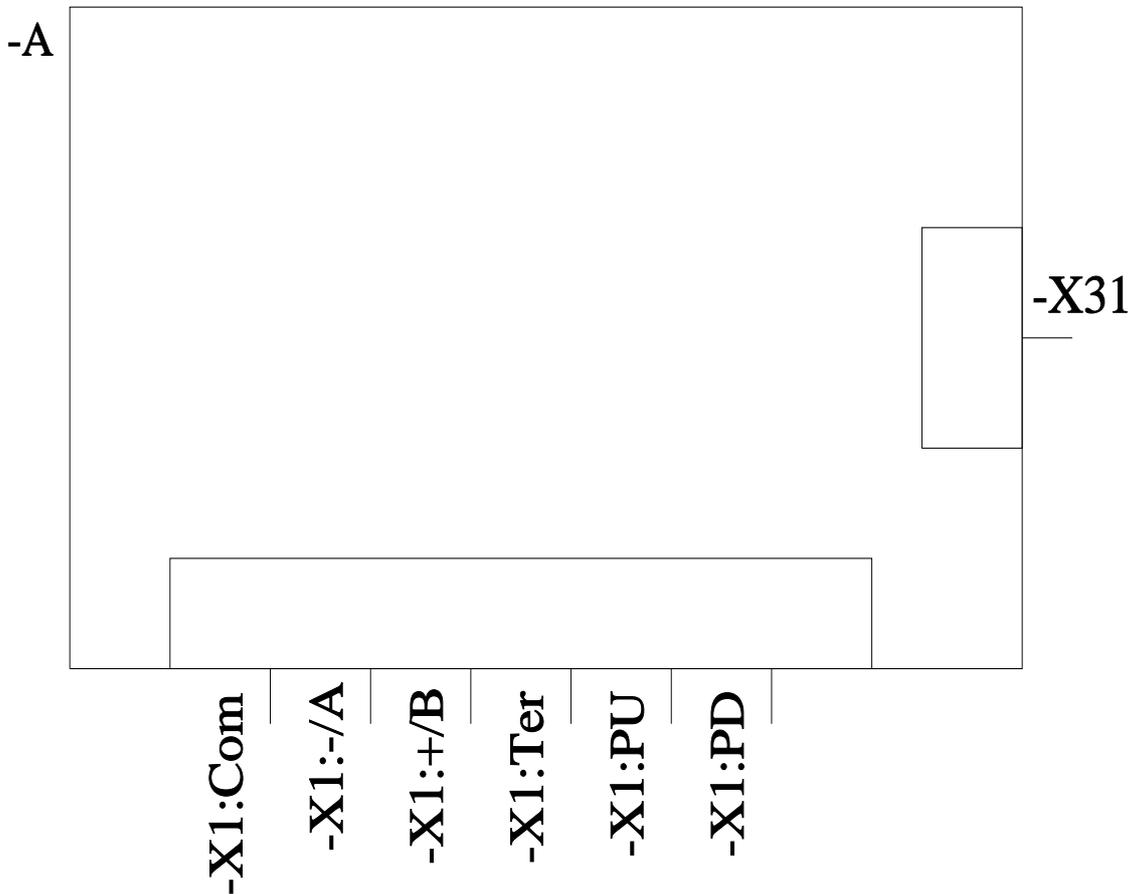
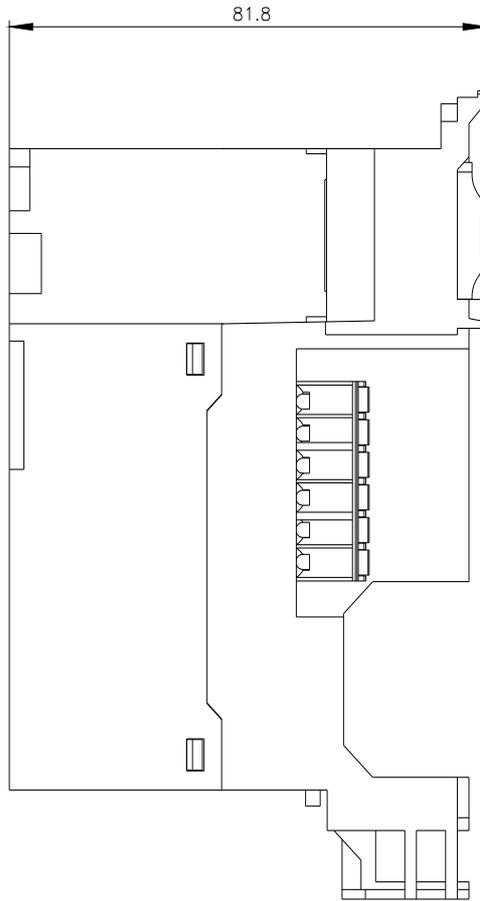
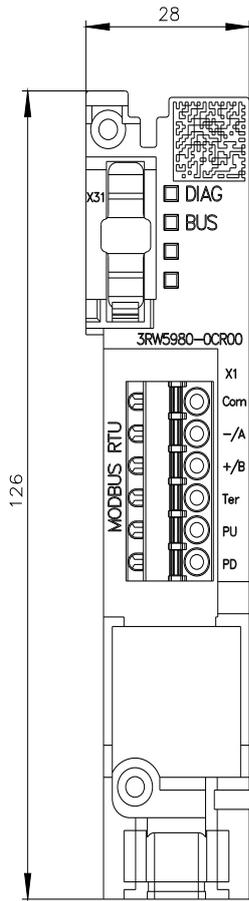
<https://support.industry.siemens.com/cs/ww/en/ps/3RW5980-0CR00/char>

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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12/15/2020 