



Communication module Modbus RTU

Figure similar

<b>product brand name</b>	SIRIUS
<b>product category</b>	Communication modules
<b>product designation</b>	Communication module
<b>design of the product</b>	Modbus RTU
<b>manufacturer's article number</b>	
<ul style="list-style-type: none"> <li>• of soft starter</li> </ul>	3RW50
<ul style="list-style-type: none"> <li>• of soft starter</li> </ul>	3RW51
<ul style="list-style-type: none"> <li>• of soft starter</li> </ul>	3RW52
<ul style="list-style-type: none"> <li>• of soft starter</li> </ul>	3RW55
<b>General technical data</b>	
<b>reference code according to IEC 81346-2</b>	A
<b>Substance Prohibition (Date)</b>	02/11/2019
<b>Installation/ mounting/ dimensions</b>	
<b>mounting position</b>	any
<b>fastening method</b>	screw fixing
<b>height</b>	126 mm
<b>width</b>	28 mm
<b>depth</b>	82 mm
<b>weight without packaging</b>	0.1 kg
<b>Connections/ Terminals</b>	
<b>type of connectable conductor cross-sections</b>	
<ul style="list-style-type: none"> <li>• for control circuit solid</li> </ul>	1x (0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• for control circuit finely stranded with core end processing</li> </ul>	1x (0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> ), 2x (0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• for control circuit finely stranded without core end processing</li> </ul>	1x (0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• for AWG cables for control circuit solid</li> </ul>	1x (24 ... 12)
<ul style="list-style-type: none"> <li>• for AWG cables for control circuit finely stranded with core end processing</li> </ul>	1x (24 ... 12)
<b>Ambient conditions</b>	
<b>installation altitude at height above sea level maximum</b>	5 000 m; Derating as of 1000 m, see catalog
<b>ambient temperature</b>	
<ul style="list-style-type: none"> <li>• during operation</li> </ul>	-25 ... +60 °C; observe derating of basic unit above 40 °C
<ul style="list-style-type: none"> <li>• during storage and transport</li> </ul>	-40 ... +80 °C
<b>environmental category</b>	
<ul style="list-style-type: none"> <li>• during operation according to IEC 60721</li> </ul>	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"> <li>• during storage according to IEC 60721</li> </ul>	1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4
<ul style="list-style-type: none"> <li>• during transport according to IEC 60721</li> </ul>	2K2, 2C1, 2S1, 2M2 (max. height of fall 0.8 m)
<b>Safety related data</b>	

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 hazard-ous locations	Declaration of Con-formity
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[Confirmation](#)



[Explosion Protection Certificate](#)



Declaration of Con-formity	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](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5980-0CR00&lang=en)
- Characteristic: Tripping characteristics, I<sup>2</sup>t, 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>





