



communication module PROFINET standard

product brand name	SIRIUS
product category	Communication modules
product designation	Communication module
design of the product	PROFINET Standard
manufacturer's article number of soft starter	<ul style="list-style-type: none"><li>3RW50</li><li>3RW51</li><li>3RW52</li><li>3RW55</li></ul>
General technical data	
reference code according to IEC 81346-2	A
Substance Prohibitance (Date)	02/15/2018
SVHC substance name	Lead monoxide (lead oxide) - 1317-36-8
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
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"><li>during operation</li><li>during storage and transport</li></ul>	<ul style="list-style-type: none"><li>-25 ... +60 °C; observe derating of basic unit above 40 °C</li><li>-40 ... +80 °C</li></ul>
environmental category <ul style="list-style-type: none"><li>during operation according to IEC 60721</li><li>during storage according to IEC 60721</li><li>during transport according to IEC 60721</li></ul>	<ul style="list-style-type: none"><li>3K6 (no ice formation, only occasional condensation), 3C3 (no salt mist), 3S2 (sand must not get into the devices), 3M6</li><li>1K6 (only occasional condensation), 1C2 (no salt mist), 1S2 (sand must not get inside the devices), 1M4</li><li>2K2, 2C1, 2S1, 2M2 (max. height of fall 0.8 m)</li></ul>
Electrical Safety	
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
Approvals Certificates	
General Product Approval	EMV



EG-Konf.

[Confirmation](#)



UL



[KC](#)

For use in hazardous locations	Test Certificates	Marine / Shipping
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[Miscellaneous](#)

[Type Test Certificates/Test Report](#)



ABS



BUREAU  
VERITAS



DNV



LRS

Marine / Shipping	other	Environment	Industrial Communication
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PRS

[Confirmation](#)

[Environmental Confirmations](#)

[PROFINET](#)

#### Further information

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=3RW5980-0CS00>

Cax online generator

<http://support.automation.siemens.com/VW/CAXorder/default.aspx?lang=en&mlfb=3RW5980-0CS00>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RW5980-0CS00>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RW5980-0CS00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5980-0CS00&lang=en)

Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3RW5980-0CS00/char>

Characteristic: Installation altitude

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RW5980-0CS00&objecttype=14&gridview=view1>

Simulation Tool for Soft Starters (STS)

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





