



communication module PROFINET standard

product brand name	SIRIUS	
product category	Communication modules	
product designation	Communication module	
design of the product	PROFINET Standard	
product type designation	3RW59	
manufacturer's article number of soft starter	<ul style="list-style-type: none"> • 3RW50 • 3RW51 • 3RW52 • 3RW55 	
General technical data		
reference code according to IEC 81346-2	A	
Substance Prohibitance (Date)	02/15/2018	
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8	
Weight	0.124 kg	
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"> • during operation -25 ... +60 °C; observe derating of basic unit above 40 °C • 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 • 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) 	
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	For use in hazardous locations



[KC](#)

[Miscellaneous](#)

Test Certificates

Maritime application

[Type Test Certificates/Test Report](#)



other

Environment

Industrial Communication



[Confirmation](#)

[Environmental Confirmations](#)

[PROFINET](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

<https://support.automation.siemens.com/WW/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, ...)

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RW5980-0CS00&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

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

Characteristic: Installation altitude

<https://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>



