



radio auxiliary and signaling switch for 3RV2 signaling of on/off and overload or short circuit power supply 24 V DC

product brand name	SIRIUS
product category	Auxiliary switch
product designation	Wireless auxiliary and signaling switch
product type designation	3RV29
General technical data	
certificate of suitability	CE, cULus
size of the circuit-breaker	S00, S0, S2, S3
display version LED	Yes
insulation voltage rated value	30 V
degree of pollution	3
surge voltage resistance rated value	0.8 kV
consumed current maximum	20 mA
protection class IP on the front • according to IEC 60529 •	IP20 IP20
reference code according to IEC 81346-2	Q
Substance Prohibittance (Date)	12/15/2023
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 Diboron trioxide - 1303-86-2
Weight	0.07 kg
operating voltage rated value	24 V
Ambient conditions	
ambient temperature • during operation • during storage	-20 ... +60 °C -40 ... +85 °C
Environmental footprint	
global warming potential [CO2 eq] total	4.44 kg
global warming potential [CO2 eq] during manufacturing	0.238 kg
global warming potential [CO2 eq] during operation	4.2 kg
global warming potential [CO2 eq] after end of life	0.0053 kg
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
Installation/ mounting/ dimensions	
fastening method	plug-in fixing
height	90 mm
width	18 mm
depth	71 mm

Connections/ Terminals	
type of electrical connection for auxiliary and control circuit	spring-loaded terminals
connectable conductor cross-section for auxiliary contacts	
• solid or stranded	0.2 ... 1.5 mm ²
• finely stranded with core end processing	0.5 ... 1.5 mm ²
• finely stranded without core end processing	0.2 ... 1.5 mm ²
type of connectable conductor cross-sections	
• for auxiliary contacts	
— solid	2x (0.2 ... 1.5 mm ²)
— finely stranded with core end processing	2x (0.5 ... 1.5 mm ²)
— finely stranded without core end processing	2x (0.2 ... 1.5 mm ²)
• for AWG cables for auxiliary contacts	2x (24 ... 16)
AWG number as coded connectable conductor cross section for auxiliary contacts	24 ... 16

Approvals Certificates

General Product Approval	Radio Equipment Type Approval Certificate
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[Miscellaneous](#)

[Miscellaneous](#)

Test Certificates	Maritime application	other
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[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



[Confirmation](#)

[Miscellaneous](#)



other	Dangerous goods	Environment
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[Transport Information](#)



[Environmental Confirmations](#)

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=3RV2921-5M>

Cax online generator

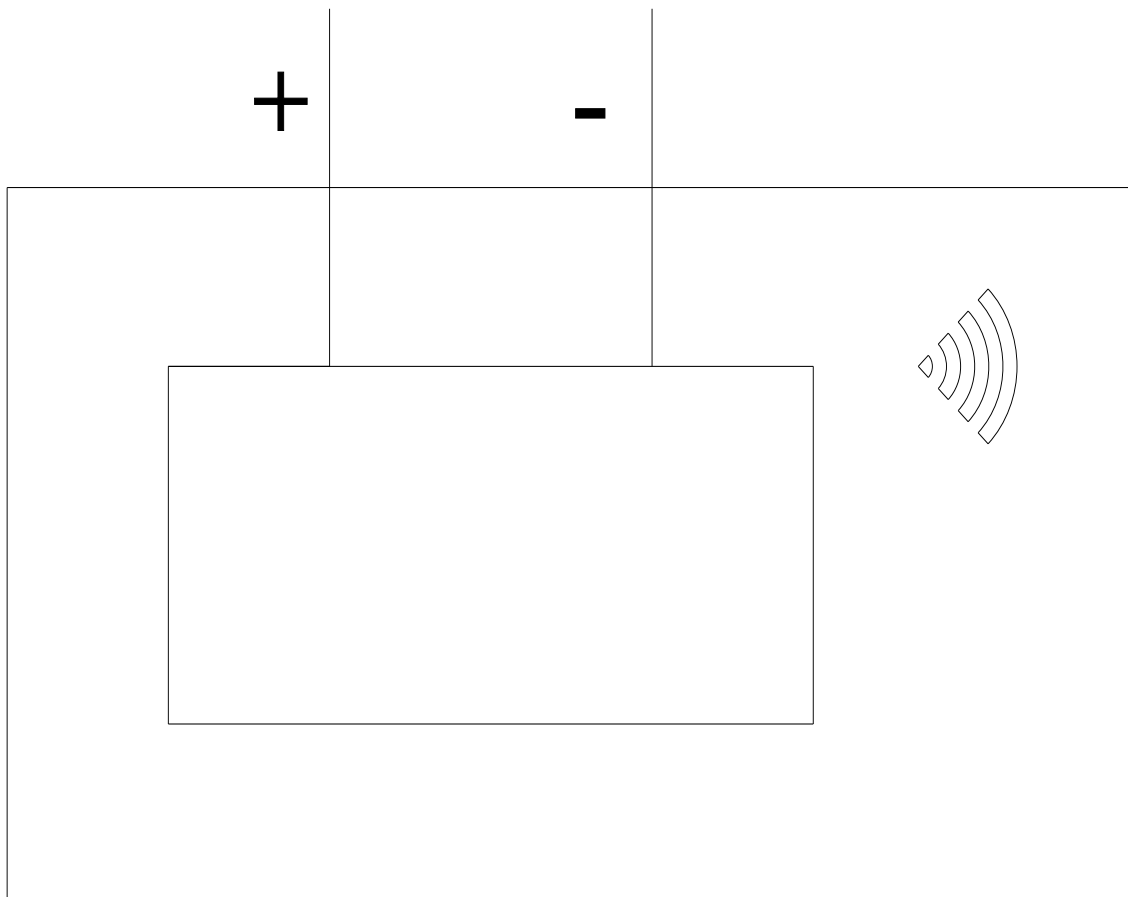
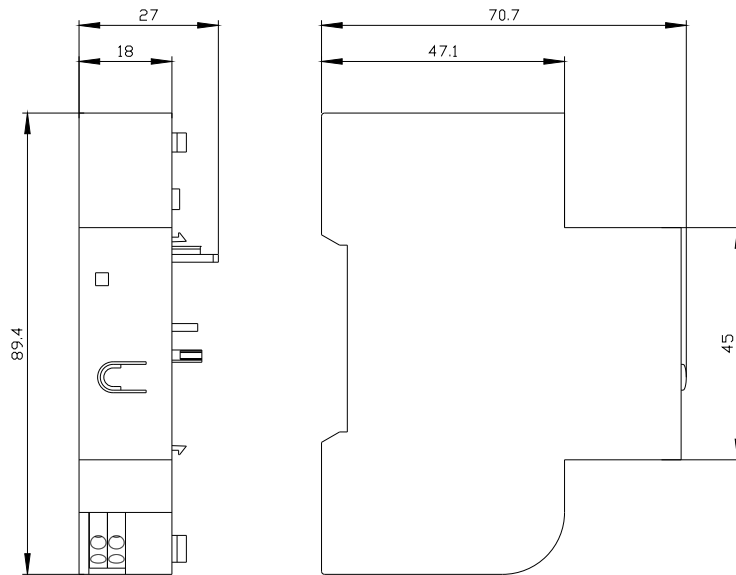
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2921-5M>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RV2921-5M>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2921-5M&lang=en



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8/28/2025 