

3-phase supply terminal for 3-phase busbar for self-protection combination motor controller (type E) for circuit breaker 3RV2 Size S2 connection from top

product brand name	SIRIUS
product category	Plugs, adapters and terminals
product designation	3-phase supply terminal
design of the product	from above, Type E, size S2
product type designation	3RV29
General technical data	
certificate of suitability	CE / UL / CSA / CCC
size of the circuit-breaker	S2
insulation voltage with degree of pollution 3 at AC rated value	690 V
protection class IP on the front according to IEC 60529	IP20
Substance Prohibition (Date)	10/15/2014
Weight	0.181 kg
ampacity maximum	105 A
Ambient conditions	
ambient temperature	
• during operation	-20 ... +60 °C
• during storage	-50 ... +80 °C
Environmental footprint	
Environmental Product Declaration (EPD)	Yes
global warming potential [CO2 eq] total	139 kg
global warming potential [CO2 eq] during manufacturing	0.161 kg
global warming potential [CO2 eq] during operation	139 kg
global warming potential [CO2 eq] after end of life	-0.056 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	
height	66 mm
width	55 mm
depth	77 mm
Connections/ Terminals	
type of electrical connection for main current circuit	screw-type terminals
type of connectable conductor cross-sections	
• for main contacts	
— solid	2x (2.5 ... 50 mm ²), 1x (2.5 ... 70 mm ²)
— stranded	2x (2.5 ... 50 mm ²), 1x (2.5 ... 70 mm ²)
— finely stranded with core end processing	2x (2.5 ... 35 mm ²), 1x (2.5 ... 50 mm ²)
• for AWG cables for main contacts	2x (10 ... 1/0), 1x (10 ... 2/0)
connectable conductor cross-section for main contacts	
• solid or stranded	2.5 ... 70 mm ²

- stranded
- finely stranded with core end processing

2.5 ... 70 mm²

2.5 ... 50 mm²

AWG number as coded connectable conductor cross section for main contacts

10 ... 2

Approvals Certificates

General Product Approval



Test Certificates

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

Maritime application



other

[Miscellaneous](#)



[Confirmation](#)



[Special Test Certificate](#)



Railway

Environment

Environment

[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=3RV2935-5E>

Cax online generator

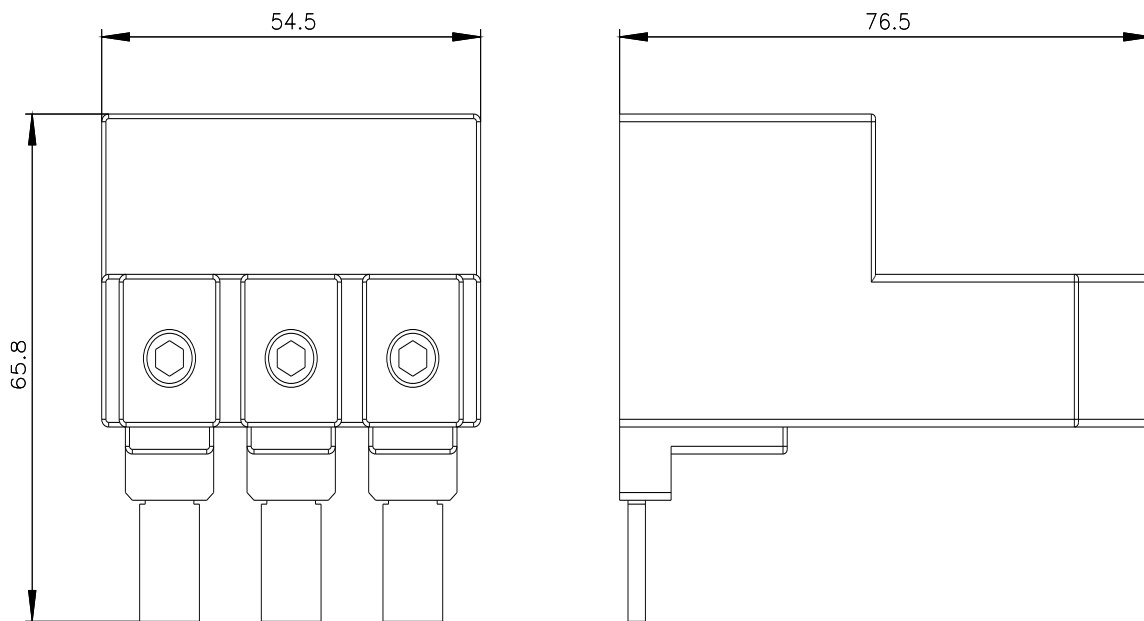
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2935-5E>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RV2935-5E>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2935-5E&lang=en



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4/2/2025 