SIEMENS

Data sheet 3RV2917-5D



Terminal block 6 mm2 for current outfeed and also for connection of 3-phase busbars

product brand name	SIRIUS
product category	Plugs, adapters and terminals
product designation	Terminal block
design of the product	for power outlet
product type designation	3RV29
General technical data	
certificate of suitability	CE / UL / CSA / CCC
size of the circuit-breaker	S00, S0
power loss [W] for rated value of the current at AC in hot operating state per pole	1.2 W
type of calculation of power loss current-dependent	quadratic
insulation voltage with degree of pollution 3 at AC rated value	500 V
protection class IP on the front according to IEC 60529	IP20
thermal current	32 A
Substance Prohibitance (day/month/year)	10/01/2009
Net Weight	0.057 kg
number of poles for main current circuit	3
operating voltage at AC rated value	500 V
operational current rated value	32 A
ampacity maximum	32 A
UL/CSA ratings	
operating voltage at AC according to UL rated value	600 V
Ambient conditions	
ambient temperature	
● during operation	-20 ... +60 °C
● during storage	-50 ... +80 °C
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	35 mm
width	40.2 mm
depth	50.2 mm
Connections/ Terminals	
type of electrical connection for main current circuit	spring-loaded terminals
type of connectable conductor cross-sections	
● for main contacts	
— solid	1x (1.5 ... 6 mm²)
— stranded	1x (1.5 ... 6 mm²)

Subject to change without notice
© Copyright Siemens

— finely stranded with core end processing	1x (1.5 ... 4 mm²)
— finely stranded without core end processing	1x (1.5 ... 6 mm²)
● for AWG cables for main contacts	1x (15 ... 10)
connectable conductor cross-section for main contacts	
● solid or stranded	1.5 ... 6 mm²
● stranded	1.5 ... 6 mm²
● finely stranded with core end processing	1.5 ... 4 mm²
● finely stranded without core end processing	1.5 ... 6 mm²
AWG number as coded connectable conductor cross section for main contacts	15 ... 10

Approvals Certificates

Environmental Product Declaration

● global warming potential [CO2 eq] / during manufacturing	0.313 kg
● global warming potential [CO2 eq] / during operation	8.72 kg
● global warming potential [CO2 eq] / after end of life	0.0218 kg
● global warming potential [CO2 eq] / total	9.06 kg

Environment

Environmental Confirmations

General Product Approval

Test Certificates

Special Test Certificate

Type Test Certificates/Test Report

Maritime application

Maritime application

other

Miscellaneous

Confirmation

Miscellaneous

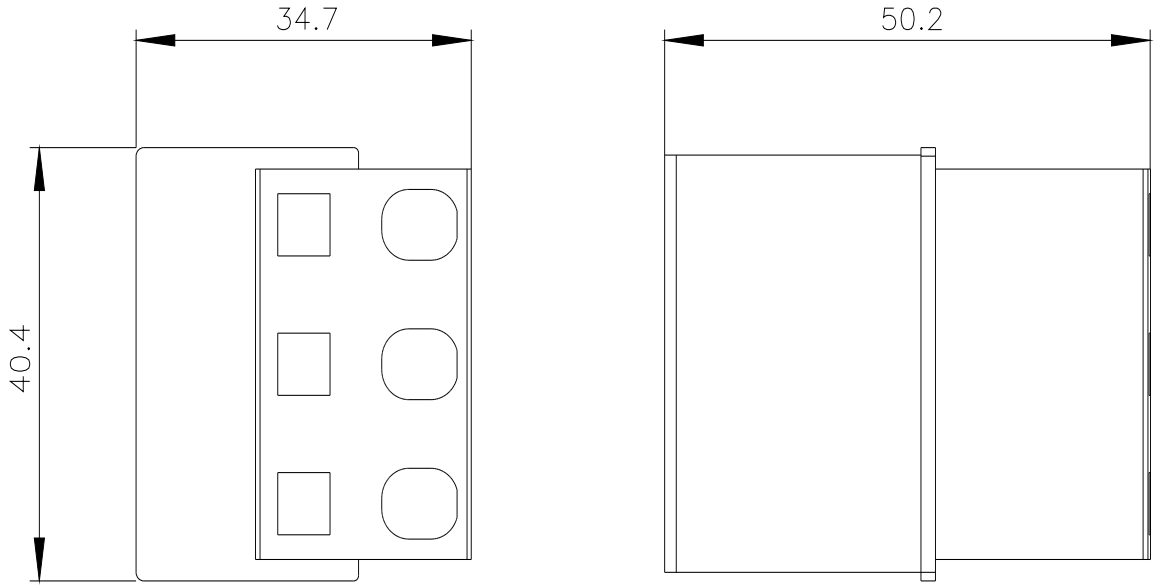
Railway

Special Test Certificate

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=3RV2917-5D
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2917-5D
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RV2917-5D
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2917-5D&lang=en

Subject to change without notice
© Copyright Siemens



last modified: 10/30/2025

Subject to change without notice
© Copyright Siemens