

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

product brand name	SIRIUS
product designation	Terminal block
design of the product	for power outlet
General technical data	
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 depending on pole	quadratic
insulation voltage with degree of pollution 3 at AC rated value	500 V
thermal current	32 A
certificate of suitability	CE / UL / CSA / CCC
Substance Prohibitance (Date)	10/01/2009
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
Environmental footprint	
Environmental Product Declaration (EPD)	Yes
Global Warming Potential [CO ₂ eq] total	9.06 kg
Global Warming Potential [CO ₂ eq] during manufacturing	0.313 kg
Global Warming Potential [CO ₂ eq] during operation	8.72 kg
global warming potential [CO ₂ eq] after end of life	0.022 kg
Safety related data	
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
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 mm ²)
— stranded	1x (1.5 ... 6 mm ²)
— finely stranded with core end processing	1x (1.5 ... 4 mm ²)

— finely stranded without core end processing	1x (1.5 ... 6 mm ²)
• for AWG cables for main contacts	1x (15 ... 10)
connectable conductor cross-section for main contacts	
• solid or stranded	1.5 ... 6 mm ²
• stranded	1.5 ... 6 mm ²
• finely stranded with core end processing	1.5 ... 4 mm ²
• finely stranded without core end processing	1.5 ... 6 mm ²
AWG number as coded connectable conductor cross section for main contacts	15 ... 10

Approvals Certificates

General Product Approval	Declaration of Conformity	Test Certificates
--------------------------	---------------------------	-------------------

[Confirmation](#)



[Type Test Certificates/Test Report](#)

Test Certificates	Marine / Shipping
-------------------	-------------------

[Special Test Certificate](#)



Marine / Shipping	other	Railway	Environment
-------------------	-------	---------	-------------



[Household and similar appliances](#)

[Confirmation](#)



[Vibration and Shock](#)

[Environmental Confirmations](#)

Further information

Siemens has decided to exit the Russian market (see here).
<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.
 Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>

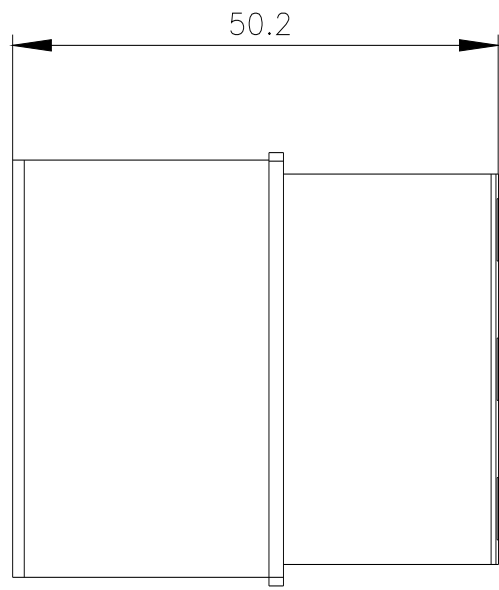
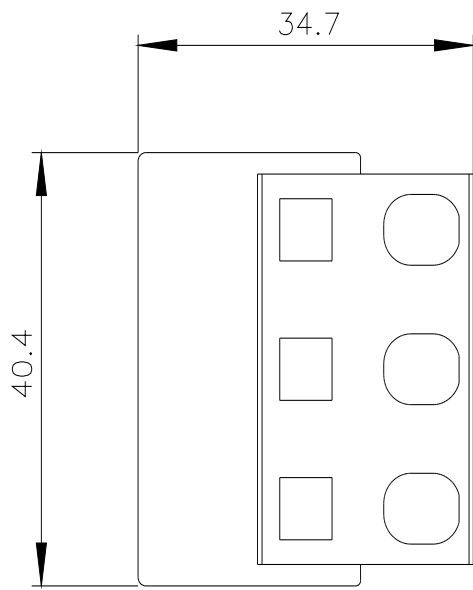
Information- and Downloadcenter (Catalogs, Brochures,...)
<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2917-5D>

Cax online generator
<http://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, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2917-5D&lang=en



last modified:

11/9/2023 