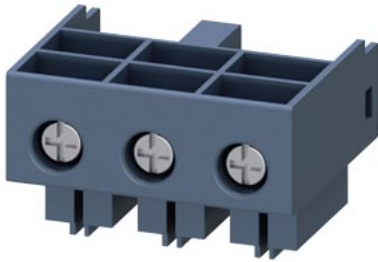


Main circuit terminals (input and output side) Connection main circuit: screw terminal 2 main circuit terminals per package (1 x input side 1 x output side differ)



General technical data			
product brand name		SIRIUS	
product designation		main circuit terminals (ingoing as well as outgoing)	
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	
relative humidity during operation	%	10 ... 90	
ambient temperature			
• during transport	°C	-55 ... +80	
• during storage	°C	-55 ... +80	
• during operation	°C	-20 ... +60	
reference code according to EN 61346-2		X	
Installation/ mounting/ dimensions			
width	mm	45	
height	mm	32	
depth	mm	30	
Connections/ Terminals			
stripped length	mm	10	
type of electrical connection			
• for main current circuit		screw-type terminals	
• for auxiliary and control circuit		screw-type terminals	
type of connectable conductor cross-sections			
• for main contacts			
— solid		up to 12 A: 2x (1.5 ... 2.5 mm ²), 2x (2.5 ... 6 mm ²), up to 32 A: 2x (2.5 ... 6 mm ²)	
— finely stranded with core end processing		up to 12 A: 2x (1.5 ... 2.5 mm ²), 2x (2.5 ... 6 mm ²) up to 32 A: 2x (2.5 ... 6 mm ²)	
• for AWG cables for main contacts		up to 12 A: 2x (16 ... 14), 2x (14 ... 10), 1x 8, up to 32 A: 2x (14 ... 10), 1x 8	
design of screw-type connection for auxiliary contacts		M6	
tightening torque for auxiliary contacts with screw-type terminals	N·m	2 ... 2.5	
Certificates/ approvals			
certificate of suitability		IEC / EN 60947-6-2	
General Product Approval	EMC	Declaration of Conformity	Marine / Shipping

[Confirmation](#)




[Confirmation](#)

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=3RA6920-1A>

Cax online generator

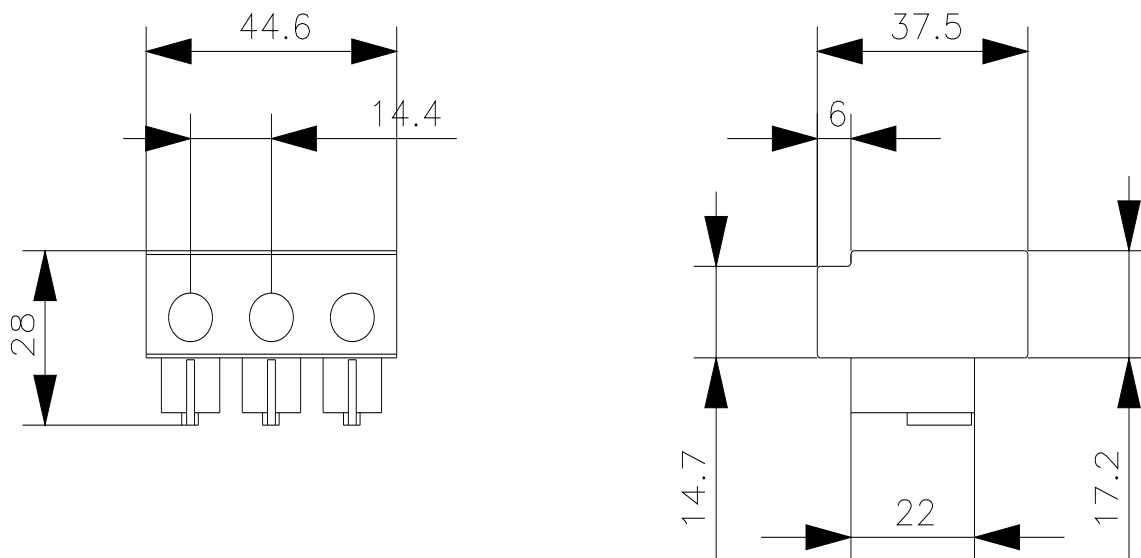
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA6920-1A>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA6920-1A>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA6920-1A&lang=en



last modified:

1/21/2021