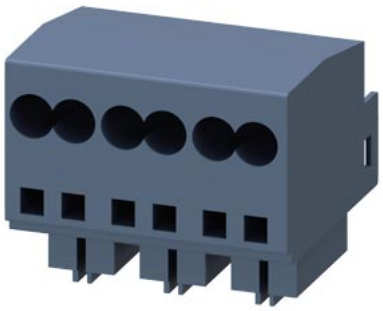
SIEMENS

Data sheet 3RA6920-2A

Main circuit terminals Inclusion and connection Main circuit: Spring-type terminal



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		spring-loaded terminals
● for auxiliary and control circuit		spring-loaded terminals
type of connectable conductor cross-sections		
● for main contacts		
— solid		up to 12 A: 2x (1.5 ... 6 mm²), up to 32 A: 2x (2.5 ... 6 mm²)
— finely stranded with core end processing		up to 12 A: 2x (1.5 ... 6 mm²), up to 32 A: 2x (2.5 ... 6 mm²)
● 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
Certificates/ approvals		
certificate of suitability		IEC / EN 60947-6-2

General Product Approval	EMC	Declaration of Conformity	Marine / Shipping
Confirmation			

Marine / Shipping	other

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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

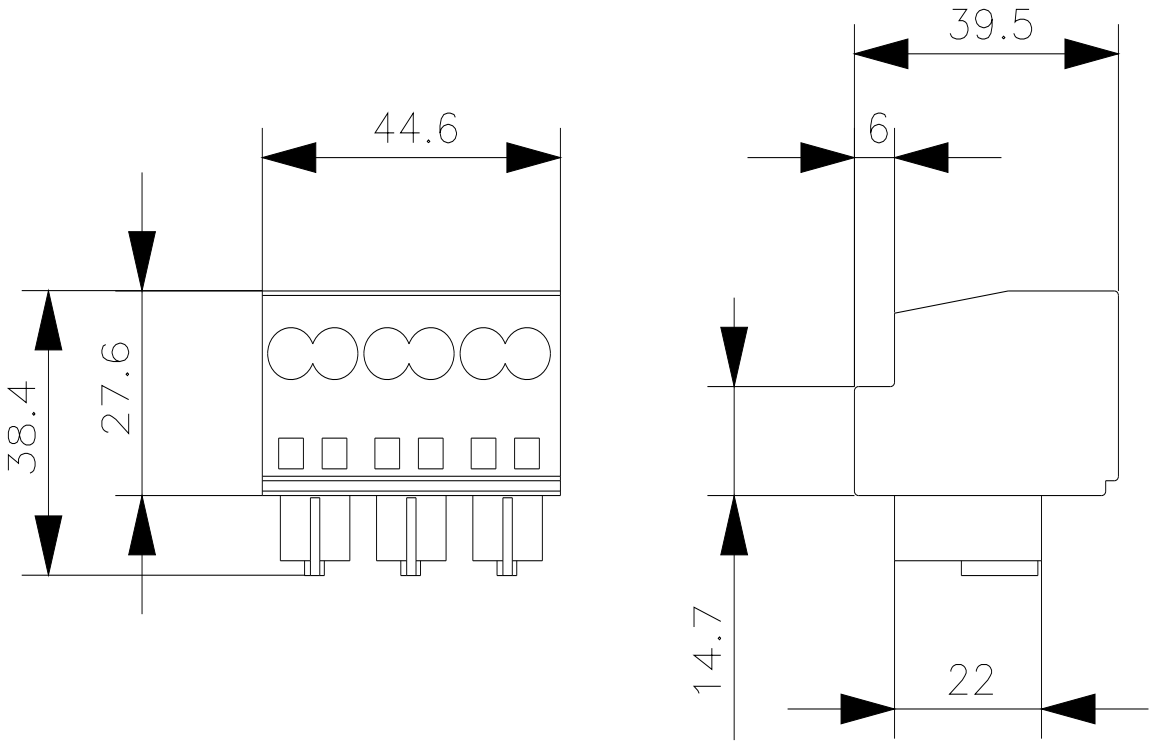
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA6920-2A

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA6920-2A

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RA6920-2A

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA6920-2A&lang=en



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