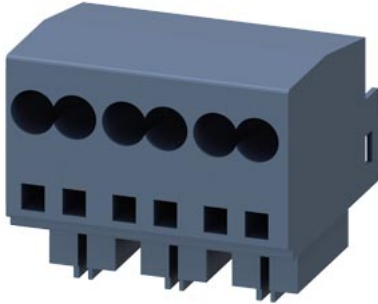


Main circuit terminals Inclusion and connection Main circuit:  
Spring-type terminal



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 mm <sup>2</sup> ), up to 32 A: 2x (2.5 ... 6 mm <sup>2</sup> )
— finely stranded with core end processing		up to 12 A: 2x (1.5 ... 6 mm <sup>2</sup> ), up to 32 A: 2x (2.5 ... 6 mm <sup>2</sup> )
• at 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



[Confirmation](#)





[Confirmation](#)

Further information

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

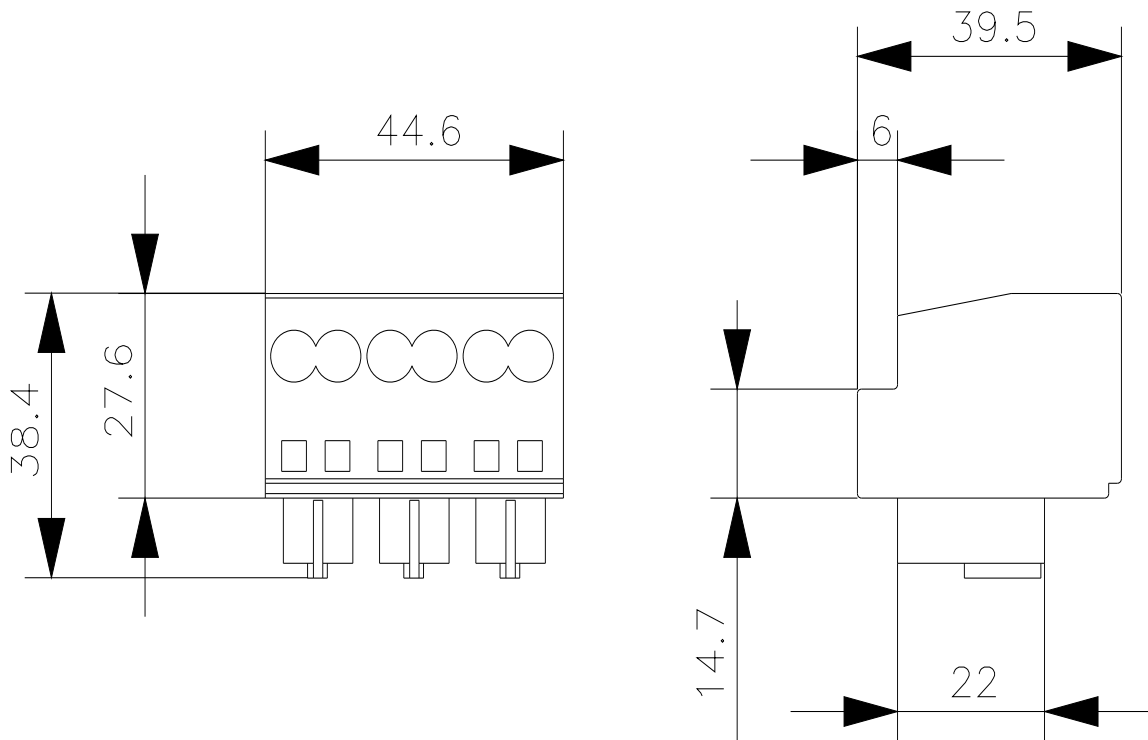
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA6920-2A>

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](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA6920-2A&lang=en)



last modified:

1/21/2021