



Model

product brandname	SENTRON
Product designation	accessories

Connections according IEC

Connectable conductor cross-section

• for copper cable / solid / minimum	1.5 mm ²
• for copper cable / solid / maximum	6 mm ²
• for copper cable / finely stranded / minimum	1.5 mm ²
• for copper cable / finely stranded / maximum	95 mm ²
• for copper cable / finely stranded / with core end processing / minimum	1.5 mm ²
• for copper cable / finely stranded / with core end processing / maximum	35 mm ²
• for copper cable / stranded / minimum	1.5 mm ²
• for copper cable / stranded / maximum	95 mm ²
• for aluminum cable / solid / minimum	1.5 mm ²
• for aluminum cable / solid / maximum	6 mm ²
• for aluminum cable / stranded / minimum	1.5 mm ²

• for aluminum cable / stranded / maximum	95 mm ²
Wire stripping length	12,2 mm
Tightening torque	
• at usage of copper-cables / single-wire	<= 2.5 mm ² : 2.8 Nm, <= 6 mm ² : 4 Nm, <= 10 mm ² : 6.2 Nm, > 10 mm ² : 11 Nm
• at usage of copper-cables / multi-stranded	<= 2.5 mm ² : 2.8 Nm, <= 6 mm ² : 4 Nm, <= 10 mm ² : 6.2 Nm, > 10 mm ² : 11 Nm
• at usage of copper-cables / finely stranded	<= 2.5 mm ² : 2.8 Nm, <= 6 mm ² : 4 Nm, <= 10 mm ² : 6.2 Nm, > 10 mm ² : 11 Nm

Connections according UL

Wire stripping length	0.5 in
Connectable conductor cross-section	
• for copper-cable / single-wire / minimum	14 AWG
• for copper-cable / single-wire / maximum	10 AWG
• for copper-cable / multi-stranded / minimum	14 AWG
• for copper-cable / multi-stranded / maximum	3/0 AWG
• for copper-cable / finely stranded / minimum	14 AWG
• for copper-cable / finely stranded / maximum	3/0 AWG
• for copper-cable / finely stranded / with insulated conductor end processing / minimum	1.5
• for copper-cable / finely stranded / with insulated conductor end processing / maximum	35
• for aluminum-cable / single-wire / minimum	12 AWG
• for aluminum-cable / single-wire / maximum	10 AWG
• for aluminum-cable / multi-stranded / minimum	12 AWG
• for aluminum-cable / multi-stranded / maximum	3/0 AWG
Tightening torque / at usage of copper-cables	
• single-wire	<= 12 AWG: 25 lb-in, <= 10 AWG: 35 lb-in, <= 8 AWG: 55 lb-in, > 8 AWG: 100 lb-in
• multi-stranded	<= 12 AWG: 25 lb-in, <= 10 AWG: 35 lb-in, <= 8 AWG: 55 lb-in, > 8 AWG: 100 lb-in
• finely stranded	<= 12 AWG: 25 lb-in, <= 10 AWG: 35 lb-in, <= 8 AWG: 55 lb-in, > 8 AWG: 100 lb-in

Certificates

General Product Approval	EMC	Declaration of Conformity	Test Certificates	other
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[Typprüfbescheinigung/Werkszeugnis](#)

[Sonstige](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA9114-0JB11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9114-0JB11>

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

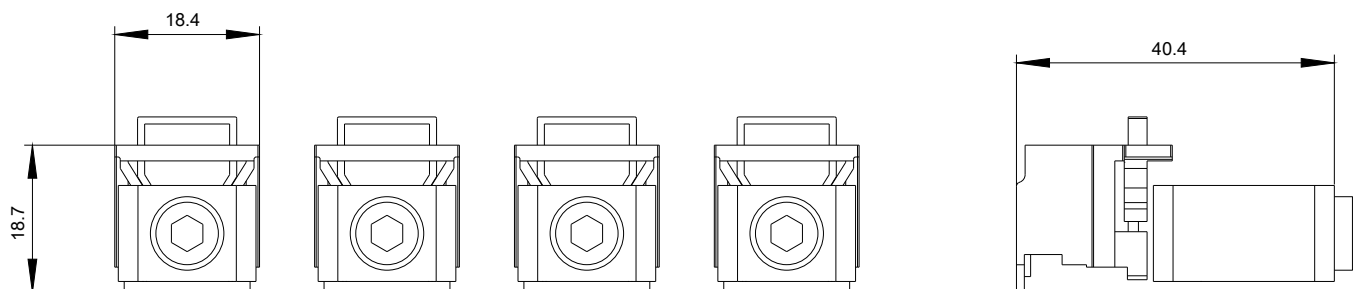
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9114-0JB11

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>



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