



Connections according IEC

Connectable conductor cross-section	
• for copper cable / solid / maximum	4 mm ²
• for copper cable / finely stranded / maximum	50 mm ²
• for copper cable / stranded / maximum	50 mm ²
• for aluminum cable / solid / maximum	6 mm ²
• for aluminum cable / stranded / maximum	50 mm ²
Wire stripping length	18 mm
Tightening torque	
• at usage of copper-cables / single-wire	<= 10 mm ² : 6.2 Nm
• at usage of copper-cables / multi-stranded	<= 10 mm ² : 6.2 Nm, <= 35 mm ² : 8.5 Nm, > 35 mm ² : 14 Nm
• at usage of copper-cables / finely stranded	<= 10 mm ² : 6.2 Nm, <= 35 mm ² : 8.5 Nm, > 35 mm ² : 14 Nm

Connections according UL

Wire stripping length	0.7 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
- for copper-cable / finely stranded / minimum
- for copper-cable / finely stranded / maximum
- for aluminum-cable / multi-stranded / minimum
- for aluminum-cable / multi-stranded / maximum

1/0 AWG
14 AWG
1/0 AWG
12 AWG
1/0 AWG

Tightening torque / at usage of copper-cables

- single-wire
- multi-stranded
- finely stranded

<= 10 AWG: 55 lb-in
<= 8 AWG: 55 lb-in, <= 2 AWG: 75 lb-in, > 2 AWG: 125 lb-in
<= 8 AWG: 55 lb-in, <= 2 AWG: 75 lb-in, > 2 AWG: 123.9 lb-in

Certificates

EMC

Declaration of
Conformity

other



RCM



EG-Konf.

[sonstig](#)

Further information

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

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

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3VA9144-0JB11>

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

<http://support.automation.siemens.com/WW/view/en/3VA9144-0JB11/all>

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

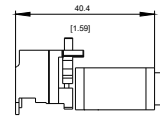
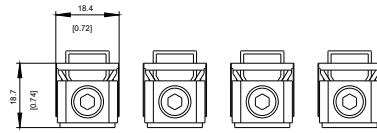
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9144-0JB11

CAX-Online-Generator

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

Tender specifications

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



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