

wire connector 4 units accessory for: 3VA2 100/160/250



Model	
Product brand name	SENTRON
Product designation	accessories
Accessories	Wire connector
General technical data	
Designation / of the terminal	TA1.3
Connections according IEC	
IEC-marking / of terminals	1.5-50 mm ² CU 4-50 mm ² AL NNL
Connectable conductor cross-section	• for copper cable / stranded / minimum 1.5 mm² • for copper cable / stranded / maximum 50 mm² • for aluminum cable / solid / minimum 4 mm² • for aluminum cable / solid / maximum 16 mm² • for aluminum cable / stranded / minimum 4 mm² • for aluminum cable / stranded / maximum 50 mm²
Wire stripping length	18 mm

Tightening torque / when using copper cables	
solid	1.5 - 10 mm²: 6.2 Nm 16 mm²: 8.5 Nm

Connections according UL

UL-marking / of terminals	14-1/0 CU7 12-1/0 AL7 TA1.3 CMC UR CSA
Permissible temperature / of connectable conductor / according to UL 486A-486B	75 °C
Wire stripping length	0.7 in
Connectable conductor cross-section	
for copper cable / solid / minimum	14 AWG
for copper cable / solid / maximum	10 AWG
for copper cable / stranded / minimum	14 AWG
for copper cable / stranded / maximum	1/0 AWG
for copper cable / finely stranded / minimum	14 AWG
for copper cable / finely stranded / maximum	1/0 AWG
for copper cable / finely stranded / with core end processing / maximum	35
for aluminum cable / solid / minimum	12 AWG
for aluminum cable / solid / maximum	10 AWG
for aluminum cable / stranded / minimum	12 AWG
for aluminum cable / stranded / maximum	1/0 AWG
Tightening torque / when using copper cables	
stranded	14 - 8 AWG: 55 lb-in 6 - 2 AWG: 75 lb-in 1 - 1/0 AWG: 120 lb-in
finely stranded	14 - 8 AWG: 55 lb-in 6 - 2 AWG: 75 lb-in 1 - 1/0 AWG: 120 lb-in

Certificates

General Product Approval	EMC	Declaration of Conformity	Test Certificates
 VDE	Miscellaneous   RCM	 EG-Konf.	Type Test Certificates/Test Report

Shipping Approval	other
-------------------	-------



LRS

[Manufacturer Declaration](#)

[Miscellaneous](#)

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=3VA9104-0JB11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9104-0JB11>

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

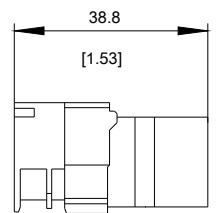
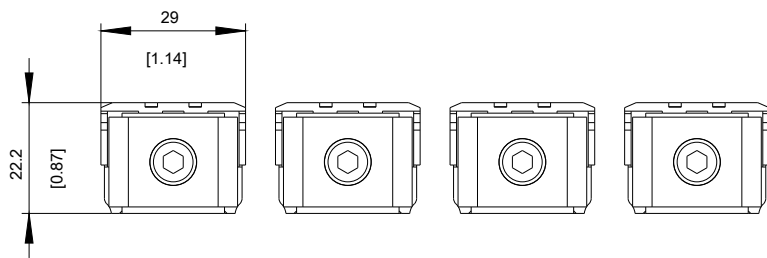
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9104-0JB11

CAX-Online-Generator

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

Tender specifications

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



last modified:

08/08/2020