

wire connector TA1.1 8 AWG...3/0 3 units accessory for: 3VA41; 3VA51



Model	
product brand name	SENTRON
product designation	Circular conductor terminal 1 cable 3 units
design of the product	Connection method
accessories	Wire connector
General technical data	
designation / of the terminal	TA1.1
type of electrical connection / with control wire tap	No
Mechanical Design	
Net Weight	66 g
Connections according IEC	
connectable conductor cross-section	
<ul style="list-style-type: none"> for copper cable / stranded / minimum 	10 mm ²
<ul style="list-style-type: none"> for copper cable / stranded / maximum 	95 mm ²
<ul style="list-style-type: none"> for aluminum cable / stranded / minimum 	10 mm ²
<ul style="list-style-type: none"> for aluminum cable / stranded / maximum 	95 mm ²
stripped length	12,2 mm
tightening torque / when using copper cables	
<ul style="list-style-type: none"> solid 	10 - 16 mm ² : 6,2 Nm
<ul style="list-style-type: none"> stranded 	10 - 16 mm ² : 6,2 Nm, 25 - 50 mm ² : 7,9 Nm, 70 - 95 mm ² : 11,3 Nm
<ul style="list-style-type: none"> finely stranded 	10 - 16 mm ² : 6,2 Nm, 25 - 35 mm ² : 7,9 Nm
<ul style="list-style-type: none"> finely stranded / with core end processing 	10 - 16 mm ² : 6.2 Nm, 25 - 50 mm ² : 7.9 Nm, 70 mm ² : 11.3 Nm
Connections according UL	
permissible temperature / of connectable conductor / according to UL 486A-486B	75 °C
stripped length	0.48 in
connectable conductor cross-section	
<ul style="list-style-type: none"> for copper cable / stranded / minimum 	8 AWG
<ul style="list-style-type: none"> for copper cable / stranded / maximum 	3/0 AWG
<ul style="list-style-type: none"> for aluminum cable / stranded / minimum 	8 AWG
<ul style="list-style-type: none"> for aluminum cable / stranded / maximum 	3/0 AWG
tightening torque / when using copper cables	
<ul style="list-style-type: none"> stranded 	8-6 AWG: 55 lb-in, 4-1/0 AWG: 70lb-in, 2/0-3/0 AWG: 100 lb-in
Certificates	
General Product Approval	



[Miscellaneous](#)



[Confirmation](#)

General Product Approval	EMV	Maritime application	other		Environment
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[Miscellaneous](#)

[Confirmation](#)

[Environmental Confirmations](#)

Environment



[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA9133-0JB11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9133-0JB11>

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

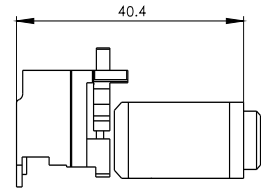
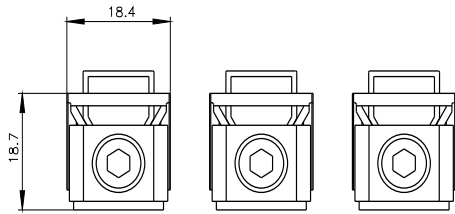
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9133-0JB11

CAX-Online-Generator

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

Tender specifications

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



last modified:

4/6/2026 