

wire connector TA1.0 14 AWG...8 AWG with control wire tap 4 units accessory for:
3VA51



Model	
product brand name	SETRON
product designation	Circular conductor terminal voltage tap 4 units
accessories	Wire connector
General technical data	
designation / of the terminal	TA1.0
type of electrical connection / with control wire tap	Yes
Mechanical Design	
Net Weight	69 g
Connections according IEC	
connectable conductor cross-section	
• for copper cable / stranded / minimum	1.5 mm ²
• for copper cable / stranded / maximum	10 mm ²
stripped length	12,2 mm
tightening torque / when using copper cables	
• solid	1.5-2.5 mm ² : 2.3 Nm, 4-6 mm ² : 4 Nm, 10 mm ² : 6.2 Nm
• stranded	1.5-2.5 mm ² : 2.3 Nm; 4-6 mm ² : 4 Nm; 10 mm ² : 6.2 Nm
• finely stranded	1.5 - 2.5 mm ² : 2.3 Nm, 4 - 6 mm ² : 4 Nm, 10 mm ² : 6.2 Nm
• finely stranded / with core end processing	1.5 - 2.5 mm ² : 2.3 Nm, 4 - 6 mm ² : 4 Nm, 10 mm ² : 6.2 Nm
Connetctions according UL	
permissible temperature / of connectable conductor / according to UL 486A-486B	75 °C
stripped length	0.48 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	8 AWG
• for aluminum cable / stranded / minimum	8 AWG
• for aluminum cable / stranded / maximum	8 AWG
tightening torque / when using copper cables	
• solid	14 AWG: 20 lb-in, 12-10 AWG: 35 lb-in
• stranded	14 AWG: 20 lb-in 12-10 AWG: 35 lb-in 8 AWG: 55 lb-in
Certificates	
General Product Approval	EMV



[Miscellaneous](#)



Maritime application

other

Environment



[Confirmation](#)

[Miscellaneous](#)

[Environmental Con-
firmations](#)

[Environmental Con-
firmations](#)

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=3VA9134-0JG10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9134-0JG10>

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

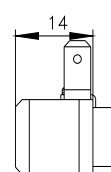
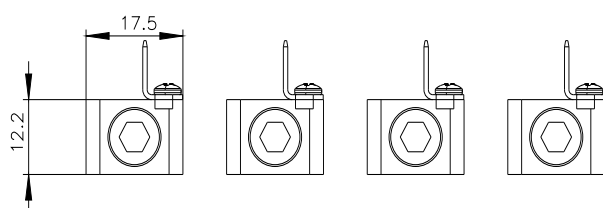
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9134-0JG10

CAX-Online-Generator

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

Tender specifications

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



last modified:

8/8/2025

