



wire connector TA2.5 6 x 14 AWG...2 AWG for 6 cables 2 units accessory for: 3VA51

Model	
product brand name	SENTRON
product designation	Circular conductor terminal 6 cables 2 units
accessories	Wire connector
General technical data	
designation / of the terminal	TA2.5
type of electrical connection / with control wire tap	No
Mechanical Design	
Net Weight	248 g
Connections according IEC	
connectable conductor cross-section	
<ul style="list-style-type: none"> <li>for copper cable / stranded / minimum</li> </ul>	1.5 mm <sup>2</sup>
<ul style="list-style-type: none"> <li>for copper cable / stranded / maximum</li> </ul>	35 mm <sup>2</sup>
stripped length	12 / 24 / 39.5 mm
tightening torque / when using copper cables	
<ul style="list-style-type: none"> <li>solid</li> </ul>	1.5 mm <sup>2</sup> : 2.8 Nm, 2.5-10 mm <sup>2</sup> : 6.2 Nm, 16 mm <sup>2</sup> : 7 Nm
<ul style="list-style-type: none"> <li>stranded</li> </ul>	1.5 mm <sup>2</sup> : 2.8 Nm; 2.5 - 10 mm <sup>2</sup> : 6.2 Nm; 16 - 35 mm <sup>2</sup> : 7 Nm
<ul style="list-style-type: none"> <li>finely stranded</li> </ul>	1.5 mm <sup>2</sup> : 2.8 Nm, 2.5 - 10 mm <sup>2</sup> : 6.2 Nm, 16 - 25 mm <sup>2</sup> : 7 Nm
<ul style="list-style-type: none"> <li>finely stranded / with core end processing</li> </ul>	1.5 mm <sup>2</sup> : 2.8 Nm, 2.5 - 10 mm <sup>2</sup> : 6.2 Nm, 16 - 25 mm <sup>2</sup> : 7 Nm
Connections according UL	
permissible temperature / of connectable conductor / according to UL 486A-486B	75 °C
stripped length	0.47 / 0.9 / 1.55 in
connectable conductor cross-section	
<ul style="list-style-type: none"> <li>for copper cable / solid / minimum</li> </ul>	14 AWG
<ul style="list-style-type: none"> <li>for copper cable / solid / maximum</li> </ul>	10 AWG
<ul style="list-style-type: none"> <li>for copper cable / stranded / minimum</li> </ul>	14 AWG
<ul style="list-style-type: none"> <li>for copper cable / stranded / maximum</li> </ul>	2 AWG
<ul style="list-style-type: none"> <li>for aluminum cable / stranded / minimum</li> </ul>	8 AWG
<ul style="list-style-type: none"> <li>for aluminum cable / stranded / maximum</li> </ul>	2 AWG
tightening torque / when using copper cables	
<ul style="list-style-type: none"> <li>solid</li> </ul>	14-10 AWG: 55 lb-in
<ul style="list-style-type: none"> <li>stranded</li> </ul>	14 - 8 AWG: 55 lb-in; 6 - 2 AWG: 62 lb-in
Certificates	
General Product Approval	





[Confirmation](#)



[Miscellaneous](#)



EMV	Maritime application	other		Environment
 RCM	 LRS	<a href="#">Confirmation</a>	<a href="#">Miscellaneous</a>	<a href="#">Environmental Confirmations</a>

#### 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=3VA9132-0JF60>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9132-0JF60>

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

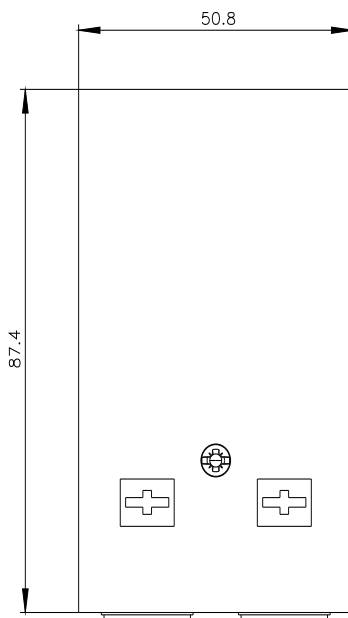
[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9132-0JF60](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9132-0JF60)

CAX-Online-Generator

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

Tender specifications

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



last modified:

8/8/2025 

