



wire connector TA2.1 4 AWG...300 kcmil large with control wire voltage tap 3 units  
accessory for: 3VA51

| Model  |   |
|--|---|
| product brand name   | SETRON  |
| product designation  | circular conductor terminal   |
| accessories  | Wire connector  |
| General technical data   |   |
| designation / of the terminal  | TA2.1   |
| type of electrical connection / with control wire tap  | Yes   |
| Mechanical Design  |   |
| Net Weight   | 347 g   |
| Connections according IEC  |   |
| connectable conductor cross-section  |   |
| <ul style="list-style-type: none"> <li>for copper cable / stranded / minimum</li> <li>for copper cable / stranded / maximum</li> <li>for aluminum cable / stranded / minimum</li> <li>for aluminum cable / stranded / maximum</li> </ul> | 25 mm <sup>2</sup><br>150 mm <sup>2</sup><br>25 mm <sup>2</sup><br>150 mm <sup>2</sup>                        |
| stripped length  | 30,5 mm   |
| tightening torque / when using copper cables   |   |
| <ul style="list-style-type: none"> <li>stranded</li> <li>finely stranded</li> <li>finely stranded / with core end processing</li> </ul>  | 25 - 150 mm <sup>2</sup> : 28.5 Nm<br>25 - 120 mm <sup>2</sup> : 28.5 Nm<br>25 - 95 mm <sup>2</sup> : 28.5 Nm |
| Connections according UL   |   |
| permissible temperature / of connectable conductor / according to UL 486A-486B   | 75 °C   |
| stripped length  | 1.2 in  |
| connectable conductor cross-section  |   |
| <ul style="list-style-type: none"> <li>for copper cable / stranded / minimum</li> <li>for copper cable / stranded / maximum</li> <li>for aluminum cable / stranded / minimum</li> <li>for aluminum cable / stranded / maximum</li> </ul> | 4 AWG<br>300 kcmil<br>4 AWG<br>300 kcmil  |
| tightening torque / when using copper cables   |   |
| <ul style="list-style-type: none"> <li>stranded</li> </ul>   | 4 AWG - 300 kcmil: 252 lb-in  |
| Certificates   |   |
| General Product Approval   | EMV   |

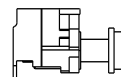
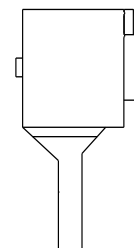
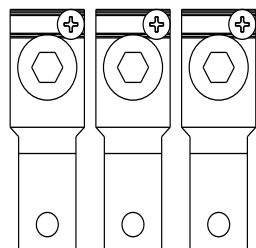
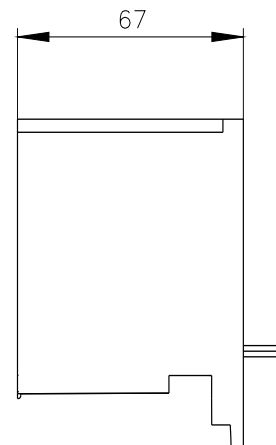
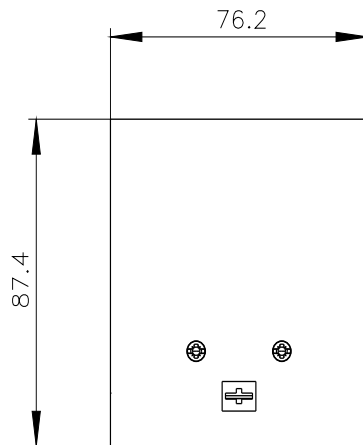


[Miscellaneous](#)





LRS

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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=3VA9133-0JC12>**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**<https://support.industry.siemens.com/cs/ww/en/ps/3VA9133-0JC12>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9133-0JC12](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9133-0JC12)**CAX-Online-Generator**<https://www.siemens.com/cax>**Tender specifications**<https://www.siemens.com/specifications>

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8/8/2025

