

circular conduc. terminal TA1.3 1.5...50 mm<sup>2</sup> 4 units accessory for: 3VA20/21/22



| Model                                                                          |                                                                                                   |
|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| product brand name                                                             | SETRON                                                                                            |
| product designation                                                            | Circular conductor terminal 1 cable 4 units                                                       |
| design of the product                                                          | Connection method                                                                                 |
| accessories                                                                    | Wire connector                                                                                    |
| General technical data                                                         |                                                                                                   |
| designation / of the terminal                                                  | TA1.3                                                                                             |
| type of electrical connection / with control wire tap                          | No                                                                                                |
| Mechanical Design                                                              |                                                                                                   |
| Net Weight                                                                     | 126 g                                                                                             |
| Connections according IEC                                                      |                                                                                                   |
| connectable conductor cross-section                                            |                                                                                                   |
| • for copper cable / stranded / minimum                                        | 1.5 mm <sup>2</sup>                                                                               |
| • for copper cable / stranded / maximum                                        | 50 mm <sup>2</sup>                                                                                |
| stripped length                                                                | 18 mm                                                                                             |
| tightening torque / when using copper cables                                   |                                                                                                   |
| • solid                                                                        | 1.5 -10 mm <sup>2</sup> : 6.2 Nm, 16 mm <sup>2</sup> : 8.5 Nm                                     |
| • stranded                                                                     | 1.5 - 10 mm <sup>2</sup> : 6.2 Nm; 16 - 35 mm <sup>2</sup> : 8.5 Nm; 50 mm <sup>2</sup> : 13.6 Nm |
| • finely stranded                                                              | 1.5 -10 mm <sup>2</sup> : 6.2 Nm, 16 - 35 mm <sup>2</sup> : 8.5 Nm                                |
| • finely stranded / with core end processing                                   | 1.5 - 10 mm <sup>2</sup> : 6.2 Nm, 16 - 35 mm <sup>2</sup> : 8.5 Nm                               |
| Connections according UL                                                       |                                                                                                   |
| permissible temperature / of connectable conductor / according to UL 486A-486B | 75 °C                                                                                             |
| stripped 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 aluminum cable / stranded / minimum                                      | 8 AWG                                                                                             |
| • for aluminum cable / stranded / maximum                                      | 1/0 AWG                                                                                           |
| tightening torque / when using copper cables                                   |                                                                                                   |
| • solid                                                                        | 14-10 AWG: 55 lb-in                                                                               |
| • stranded                                                                     | 14 - 8 AWG: 55 lb-in; 6 - 2 AWG: 75 lb-in; 1 - 1/0 AWG: 120 lb-in                                 |
| Certificates                                                                   |                                                                                                   |
| General Product Approval                                                       | EMV                                                                                               |

[Miscellaneous](#)



[Confirmation](#)



| Test Certificates | Maritime application | other | Environment |  |  |
|-------------------|----------------------|-------|-------------|--|--|
|-------------------|----------------------|-------|-------------|--|--|

[Type Test Certificates/Test Report](#)



[Miscellaneous](#)

[Confirmation](#)

[Environmental Confirmations](#)

[Environmental Confirmations](#)

## Environment



## 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=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, ...)

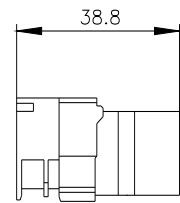
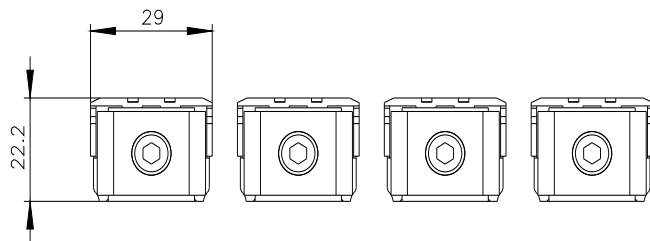
[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9104-0JB11](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9104-0JB11)

CAX-Online-Generator

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

Tender specifications

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



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