

box terminal; 3 units accessory for: 3VA20/21/22



| Model                                                                           |                                                                  |
|---------------------------------------------------------------------------------|------------------------------------------------------------------|
| product brand name                                                              | SENTRON                                                          |
| product designation                                                             | box terminal 3 units                                             |
| design of the product                                                           | Connection method                                                |
| accessories                                                                     | Box terminal                                                     |
| General technical data                                                          |                                                                  |
| designation / of the terminal                                                   | TS1.4                                                            |
| type of electrical connection / with control wire tap                           | No                                                               |
| Mechanical Design                                                               |                                                                  |
| Net Weight                                                                      | 190 g                                                            |
| Connections according IEC                                                       |                                                                  |
| connectable conductor cross-section                                             |                                                                  |
| • for copper cable / stranded / minimum                                         | 25 mm <sup>2</sup>                                               |
| • for copper cable / stranded / maximum                                         | 185 mm <sup>2</sup>                                              |
| type of connectable conductor cross-sections / of the laminated conductor rails |                                                                  |
| • minimum                                                                       | 5 x 15.5mm x 0.8mm, 4 x 20mm x 1mm                               |
| • maximum                                                                       | 6 x 15.5mm x 0.8mm, 6 x 20mm x 1mm                               |
| stripped length                                                                 | 19 mm                                                            |
| tightening torque / when using copper cables                                    |                                                                  |
| • stranded                                                                      | 25 - 35 mm <sup>2</sup> : 6 Nm, 50 - 185 mm <sup>2</sup> : 12 Nm |
| • finely stranded                                                               | 35 mm <sup>2</sup> : 6 Nm 50 -150 mm <sup>2</sup> : 12 Nm        |
| • finely stranded / with core end processing                                    | 25 - 35 mm <sup>2</sup> : 6 Nm, 50 -150 mm <sup>2</sup> : 12 Nm  |
| Connetctions according UL                                                       |                                                                  |
| permissible temperature / of connectable conductor / according to UL 486A-486B  | 75 °C                                                            |
| stripped length                                                                 | 0.75 in                                                          |
| connectable conductor cross-section                                             |                                                                  |
| • for copper cable / stranded / minimum                                         | 4 AWG                                                            |
| • for copper cable / stranded / maximum                                         | 350 kcmil                                                        |
| tightening torque / when using copper cables                                    |                                                                  |
| • stranded                                                                      | 4 - 1 AWG: 70 lb-in; 1/0 AWG - 350 kcmil: 140 lb-in              |
| Certificates                                                                    |                                                                  |
| General Product Approval                                                        | EMV                                                              |

[Miscellaneous](#)



[Confirmation](#)



| Test Certificates                                  | Maritime application                                                              | other                         | Environment                  |                                             |                                             |
|----------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------|------------------------------|---------------------------------------------|---------------------------------------------|
| <a href="#">Type Test Certificates/Test Report</a> |  | <a href="#">Miscellaneous</a> | <a href="#">Confirmation</a> | <a href="#">Environmental Confirmations</a> | <a href="#">Environmental Confirmations</a> |

## 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=3VA9263-0JA12>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9263-0JA12>

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

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9263-0JA12](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9263-0JA12)

### CAX-Online-Generator

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

### Tender specifications

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





