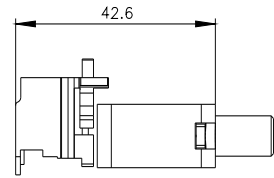
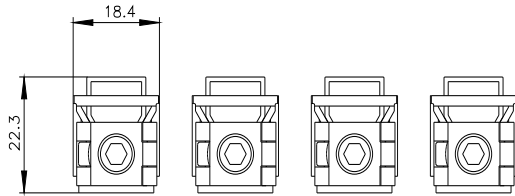


box terminal; 4 units accessory for: 3VA20/21/22



Model	
product brand name	SENTRON
product designation	box terminal 4 units
accessories	Box terminal
General technical data	
designation / of the terminal	TS1.2
type of electrical connection / with control wire tap	No
Mechanical Design	
Net Weight	210 g
Connections according IEC	
connectable conductor cross-section	
• for copper cable / stranded / minimum	6 mm ²
• for copper cable / stranded / maximum	120 mm ²
type of connectable conductor cross-sections / of the laminated conductor rails	
• minimum	3 x 13mm x 0.5mm, 2 x 15.5mm x 0.8mm, 2 x 20mm x 1mm
• maximum	6 x 13mm x 0.5mm, 6 x 15.5mm x 0.8mm, 6 x 20mm x 1mm
stripped length	19 mm
tightening torque / when using copper cables	
• solid	6 - 16 mm ² : 6 Nm
• stranded	6 - 25 mm ² : 6 Nm; 35 - 120 mm ² : 10 Nm
• finely stranded	10 - 25 mm ² : 6 Nm 35 - 95 mm ² : 10Nm
• finely stranded / with core end processing	10 - 25 mm ² : 6 Nm, 35 - 95 mm ² : 10Nm
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 / solid / minimum	10 AWG
• for copper cable / solid / maximum	10 AWG
• for copper cable / stranded / minimum	10 AWG
• for copper cable / stranded / maximum	3/0 AWG
tightening torque / when using copper cables	
• solid	10 AWG : 105 lb-in
• stranded	10 - 4 AWG: 105 lb-in, 3 - 3/0 AWG: 140 lb-in
Certificates	
General Product Approval	EMV

[Confirmation](#)[Miscellaneous](#)**Test Certificates****Maritime application****other****Environment**[Type Test Certificates/Test Report](#)[Confirmation](#)[Miscellaneous](#)[Environmental Confirmations](#)**Environment**[Environmental Confirmations](#)**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=3VA9164-0JA12>**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**<https://support.industry.siemens.com/cs/ww/en/ps/3VA9164-0JA12>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9164-0JA12**CAX-Online-Generator**<https://www.siemens.com/cax>**Tender specifications**<https://www.siemens.com/specifications>



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8/8/2025 

