SIEMENS

Data sheet 3VA9503-0JB23



circular conduc. terminal TA3.1 2 x 120…300 mm² for 2 cables; 3 units accessory for: 3VA15; 3VA25

Model	
product brand name	SENTRON
product designation	Circular conductor terminal 1 cable 3 units
design of the product	Connection method
accessories	Wire connector
General technical data	
designation / of the terminal	TA3.1
type of electrical connection / with control wire tap	No
Mechanical Design	
Net Weight	1.133 kg
Connections according IEC	
connectable conductor cross-section	
● for copper cable / stranded / minimum	120 mm²
● for copper cable / stranded / maximum	300 mm²
● for aluminum cable / stranded / minimum	120 mm²
● for aluminum cable / stranded / maximum	300 mm²
stripped length	26 mm
tightening torque / when using copper cables	
● stranded	120 - 300 mm²: 42.2 Nm
● finely stranded	185 mm²: 42.2Nm
● finely stranded / with core end processing	120 - 185 mm²: 42.4 Nm
Connetctions according UL	
permissible temperature / of connectable conductor / according to UL 486A-486B	75 °C
stripped length	1.02 in
connectable conductor cross-section	
● for copper cable / stranded / minimum	4/0 AWG
● for copper cable / stranded / maximum	600 kcmil
● for aluminum cable / stranded / minimum	4/0 AWG
● for aluminum cable / stranded / maximum	600 kcmil
tightening torque / when using copper cables	
● stranded	4/0 - 600 kcmil: 375 lb-in

Certificates

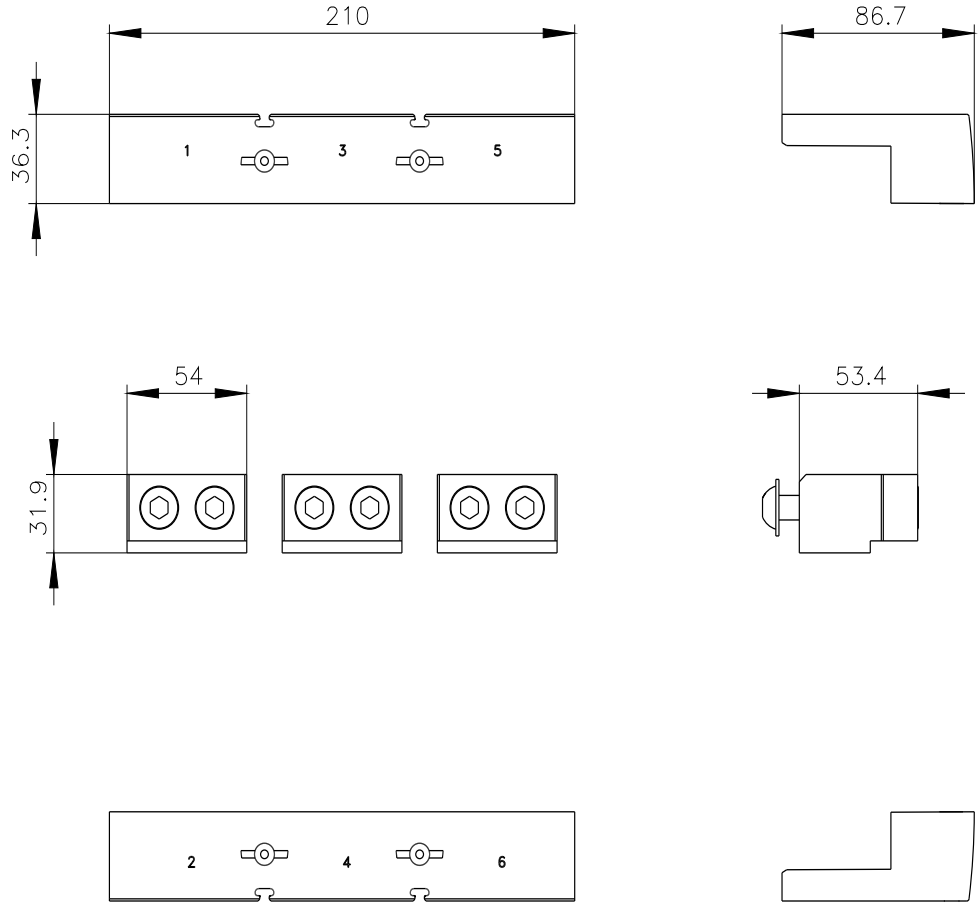
General Product Approval	EMV	Maritime application	other	Environment
Miscellaneous			Miscellaneous	Environmental Confirmations

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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=3VA9503-0JB23
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3VA9503-0JB23
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9503-0JB23
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications



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