

box terminal 3 units accessory for: 3VA1 100/160



Model	
Product brand name	SENTRON
Product designation	accessories
Connections according IEC	
IEC-marking / of terminals	NXB 1.5-70 mm² AWG14-3/0
Connectable conductor cross-section	
• for copper cable / solid / minimum	1.5 mm²
• for copper cable / solid / maximum	16 mm²
• for copper cable / finely stranded / minimum	1.5 mm²
• for copper cable / finely stranded / maximum	50 mm²
• for copper cable / finely stranded / with core end processing / minimum	1.5 mm²
• for copper cable / finely stranded / with core end processing / maximum	50 mm²
• for copper cable / stranded / minimum	1.5 mm²
• for copper cable / stranded / maximum	70 mm²

Type of connectable conductor cross-sections / of the laminated conductor rails	
• minimum	1 9 x 9 mm x 0.8 mm
• maximum	3 6 x 13 mm x 0.5 mm
Wire stripping length	12 mm
Tightening torque / when using copper cables	
• solid	<= 16 mm ² : 5 Nm
• stranded	<= 16 mm ² : 5 Nm, >= 25 mm ² : 8 Nm
• finely stranded	<= 16 mm ² : 5 Nm, >= 25 mm ² : 8 Nm

Connections according UL

UL-marking / of terminals	TS1.1 Xuebote
Wire stripping length	0.5 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	3/0 AWG
• for copper cable / finely stranded / minimum	14 AWG
• for copper cable / finely stranded / maximum	3/0 AWG
• for copper cable / finely stranded / with core end processing / minimum	14 AWG
• for copper cable / finely stranded / with core end processing / maximum	3/0 AWG
Tightening torque / when using copper cables	
• solid	<= 10 AWG: 45 lb-in
• stranded	<= 6 AWG: 45 lb-in, >= 4 AWG: 70 lb-in
• finely stranded	<= 6 AWG: 45 lb-in, >= 4 AWG: 70 lb-in

Certificates

General Product Approval	EMC	Declaration of Conformity	Test Certificates	other
Miscellaneous 	 RCM	 EG-Konf.	Type Test Certificates/Test Report	Miscellaneous

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA9153-0JA11>

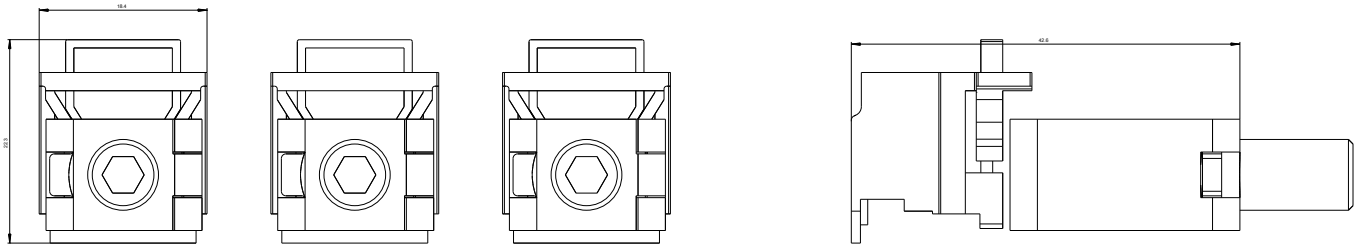
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9153-0JA11>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9153-0JA11

CAX-Online-Generator
<http://www.siemens.com/cax>

Tender specifications
<http://www.siemens.com/specifications>



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