



wire connector TA2.5 6 x 14 AWG...2 AWG for 6 cables 3 units; incl. terminal cover extended with holes for voltage testing; accessory for: 3VA51

Model		
product brand name	SETRON	
product designation	Circular conductor terminal 6 cables 3 units	
accessories	Wire connector	
General technical data		
designation / of the terminal	TA2.5	
type of electrical connection / with control wire tap	No	
Connections according IEC		
connectable conductor cross-section		
• for copper cable / stranded / minimum	1.5 mm ²	
• for copper cable / stranded / maximum	35 mm ²	
stripped length	12 / 24 / 39.5 mm	
tightening torque / when using copper cables		
• solid	1.5 mm ² : 2.8 Nm, 2.5-10 mm ² : 6.2 Nm, 16 mm ² : 7 Nm	
• stranded	1.5 mm ² : 2.8 Nm; 2.5 - 10 mm ² : 6.2 Nm; 16 - 35 mm ² : 7 Nm	
• finely stranded	1.5 mm ² : 2.8 Nm, 2.5 - 10 mm ² : 6.2 Nm, 16 - 25 mm ² : 7 Nm	
• finely stranded / with core end processing	1.5 mm ² : 2.8 Nm, 2.5 - 10 mm ² : 6.2 Nm, 16 - 25 mm ² : 7 Nm	
Connections according UL		
permissible temperature / of connectable conductor / according to UL 486A-486B	75 °C	
stripped length	0.47 / 0.9 / 1.55 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	2 AWG	
• for aluminum cable / stranded / minimum	8 AWG	
• for aluminum cable / stranded / maximum	2 AWG	
tightening torque / when using copper cables		
• solid	14-10 AWG: 55 lb-in	
• stranded	14 - 8 AWG: 55 lb-in; 6 - 2 AWG: 62 lb-in	
Certificates		
General Product Approval	EMV	Maritime application

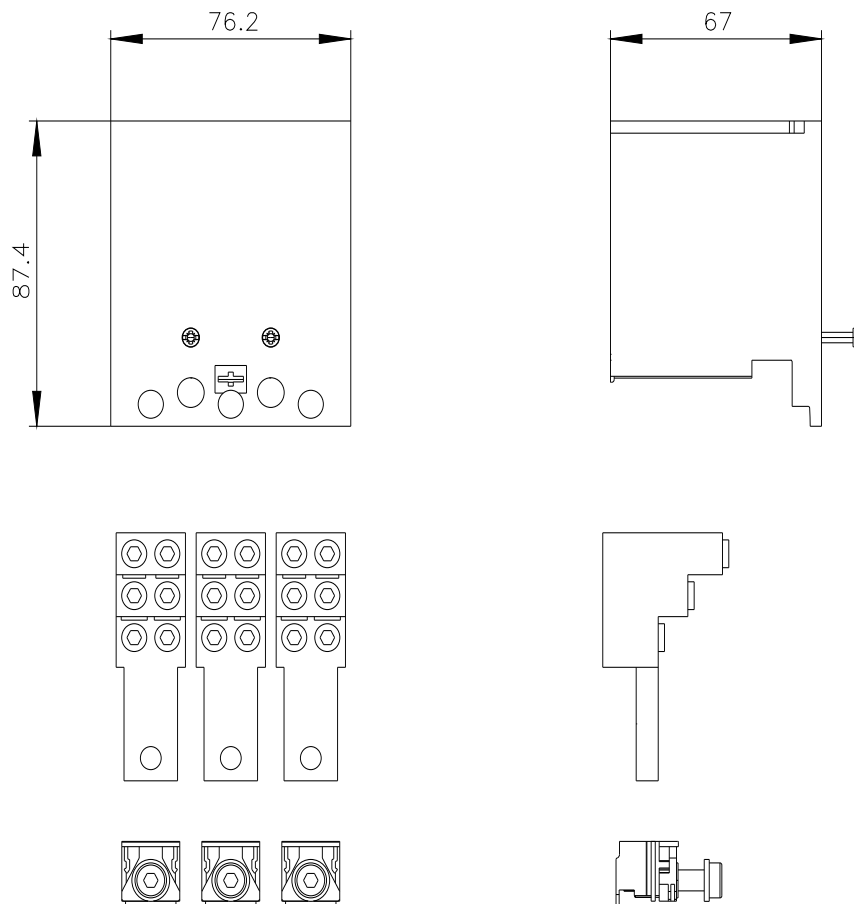


[Miscellaneous](#)



other

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,...)**<http://www.siemens.com/lowvoltage/catalogs>**Industry Mall (Online ordering system)**<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA9133-0JF68>**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**<https://support.industry.siemens.com/cs/ww/en/ps/3VA9133-0JF68>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9133-0JF68**CAX-Online-Generator**<http://www.siemens.com/cax>**Tender specifications**<http://www.siemens.com/specifications>

last modified:

8/8/2025

