

SIMEL | SIMEL SIMABUS

TE Internal #: 2299462-1

Bolted, ≤ 550 kV, Aluminum Alloy Conductor, Busbar, Aluminum, 2

Bolts, AAC/AAAC / ACSR / AWG Conductor Guage, Blocked,

SIMEL SIMABUS

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Energy & Power > Power Systems Connectors > Mechanical Connectors > High Voltage Rigid Bus Connectors



Product Availability: Worldwide
Installation Technology: Bolted

Voltage Class: ≤ 550 kV

Compatible Conductor Material: Aluminum Alloy

Conductor Type: Busbar

All High Voltage Rigid Bus Connectors (450)

Features

Product Type Features

	Installation Te	echnology	Bolted	
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Configuration Features

Visual Inspection	No
Number of Bolts	2

Electrical Characteristics

Voltage Class	≤ 550 kV
Voltage Class	= 550 KV

Body Features

Compatible Conductor Material	Aluminum Alloy
Conductor Type	Busbar
Primary Product Material	Aluminum
Blocked	No, Yes

Dimensions

Inside Diameter Range	120 mm
Bolt Head Size (Across Flats)	19 mm

Operation/Application



Power Component Application Type	Indoor Use, Outdoor Use		
Industry Standards			
NEMA Spacing (2-Hole)	Yes		
Compatible With Approved Standards Products	ANSI/NEMA CC1-2009, IEC 62271-1		
Product Availability			
Product Availability			
Product Availability Product Availability	Worldwide		
	Worldwide		

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Out of Scope
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

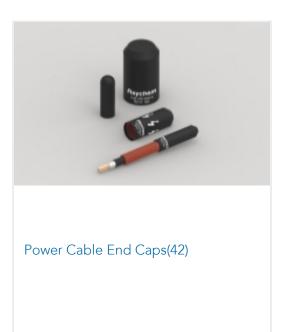






Also in the Series | SIMEL SIMABUS



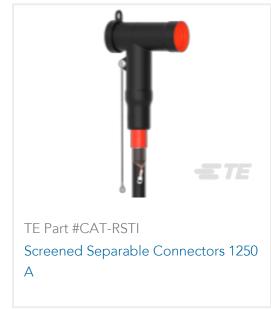


Customers Also Bought











Documents

Product Drawings
5 TJL 84 P3-P5 T120 47

English

Datasheets & Catalog Pages
SIMABUS CONNECTORS (DDS)

English

Bolted, ≤ 550 kV, Aluminum Alloy Conductor, Busbar, Aluminum, 2 Bolts, AAC/AAAC / ACSR / AWG Conductor Guage, Blocked, SIMEL SIMABUS



Product Specifications
Product Specification

English