

Specifications



Eaton BT635NS3A1T

Eaton Cooper Power series BOL-T deadbreak connector, 600A, 35 kV, AC 1 min: 50 kV, DC 15 min: 103 kV, BIL: 150 kV, Min corona: 26 kV, Test point, Cable insul: 1.485-1.595 inch, Strand: 350-600 kcmil, Solid: 500-700 kcmil, Individual box kit

Photo is representative



General specifications

PRODUCT NAME	Eaton Cooper Power series BOL-T deadbreak connector
CATALOG NUMBER	BT635NS3A1T
UPC	194006057592
PRODUCT LENGTH/DEPTH	13.8 in
PRODUCT HEIGHT	12.1 in
PRODUCT WIDTH	3.8 in
PRODUCT WEIGHT	0.001 lb
COMPLIANCES	Not Applicable
CERTIFICATIONS	IEEE Std 386

Accessories

WITH TEST POINT	Yes
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Cable

CABLE INSULATION DIAMETER - MAX	1.595 in
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CABLE INSULATION DIAMETER - MIN	1.485 in
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Descriptions

CONNECTOR TYPE	Shear bolt
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Resources

SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - BT635NS3A1T](#)

[Line installation and protective equipment specifiers guide](#)

TECHNICAL DATA SHEETS

[Aluminum and coppertop compression connector 600 A crimp chart](#)

Additional Specifications

PACKAGING	Individual box kit
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TYPE	Bol-T
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Conductor

CONNECTION TYPE CONDUCTOR	Aluminum
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SOLID OR COMPACT CONDUCTOR SIZE	500-700 kcmil
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STRANDED OR COMPRESSED CONDUCTOR SIZE	350-600 kcmil
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Electrical Ratings

AC 1 MINUTE VOLTAGE WITHSTAND	50 kV
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BASIC IMPULSE LEVEL	150 kV
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CURRENT RATING	600A
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MAXIMUM RATING PHASE-TO-GROUND	21.1 kV
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CORONA VOLTAGE LEVEL - MIN	26 kV
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STANDARD VOLTAGE CLASS	35 kV
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PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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