



Energy & Power > Power Systems Connectors > Compression Connectors



Product Availability: **Asia, Australia, New Zealand & Pacific Islands**

Installation Technology: **Compression**

Voltage Class: **≤ 35 kV, ≤ 1 kV**

Compatible Conductor Material: **Aluminum, Copper**

Crimp Type: **Hexagonal Crimping**

## Features

### Product Type Features

Installation Technology	Compression
-------------------------	-------------

### Electrical Characteristics

Voltage Class	≤ 35 kV, ≤ 1 kV
---------------	-----------------

### Body Features

Conductor Type	Stranded
Compression Barrel Type	Standard
Compatible Conductor Material	Aluminum, Copper
Primary Product Material	Aluminum, Copper

### Contact Features

Crimp Type	Hexagonal Crimping
------------	--------------------

### Dimensions

Barrel Length	70 mm[2.76 in]
Barrel Inside Diameter	9.5 mm, 11 mm[.374 in][.433 in]
Barrel Outside Diameter	14.5 mm, 16 mm[.57 in][.629 in]
Compatible Conductor Range	1/0 – 1/0 AWG/kcmil, 2/0 – 2/0 AWG/kcmil
Compatible Conductor Cross-Section Range	50 mm <sup>2</sup> , 70 mm <sup>2</sup>

### Operation/Application

Power Component Application Type	Indoor, Outdoor
----------------------------------	-----------------

Compression Connector Product Type

Terminal Links

### Product Availability

Product Availability

Asia, Australia, New Zealand &amp; Pacific Islands

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU

Compliant

EU ELV Directive 2000/53/EC

Compliant

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)  
 Candidate List Declared Against: JUNE 2024 (241)  
 Does not contain REACH SVHC

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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Also in the Series | **UTILUX BK**



Compression Connectors(54)

### Customers Also Bought

TE Part #EN3750-775  
TCTS-3/0-1/2-U

TE Part #EN3750-799  
TCTS-500-1/2-U

TE Part #325712  
TERMINAL,AMPOWER 250MCM 0

TE Part #2-326111-1  
TERMINAL,AMPOWER UNPL  
500MCM 0

TE Part #1-1393139-8  
MDR-170-1=MDR

TE Part #6-1393139-3  
MDR-5061=MDR

TE Part #2-1423159-2  
7012PBX=RLY,STD,ON,2P,125VDC,

TE Part #8-1437470-5  
SSC12AIA=120VAC 50/60HZ 3/60 M

TE Part #325308  
TERMINAL,AMPOWER 1/0 0

TE Part #6-1393139-2  
MDR-5060=MDR

### Documents

#### Product Drawings

[BK70-50/1](#)

English

#### Datasheets & Catalog Pages

[EPP-2487-DDS31-AU-2\\_16-BK-UTILUX](#)

English