

HEL-2070.1-Z-AK

✓ ACTIVE

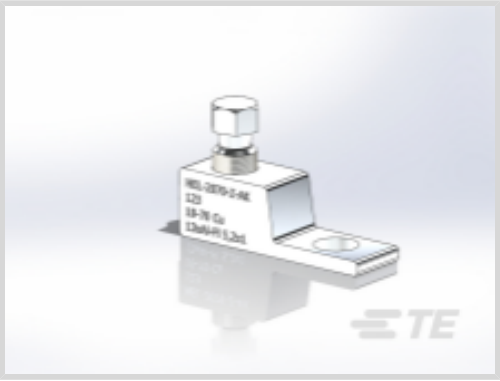
TE Internal #: E43601-000

Mechanical Connectors, Worldwide, ≤ 1 kV, Aluminum-Copper,
Round / Stranded, Conductor Range 10 – 50 mm², Brass, 1
Contacts, Shield Terminal Lug

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Energy & Power > Power Systems Connectors > Mechanical Connectors



Mechanical Connector Product Availability: **Worldwide**
Mechanical Connector Voltage Class: **≤ 1 kV**
Mechanical Connector Conductor Material: **Aluminum-Copper**
Conductor Type: **Round, Stranded**
Conductor Range: **10 – 50 mm², 10 – 50 mm²**

Features

Product Type Features

Product Family	C04 - Hellstern Underground C&F / Bolted
Mechanical Connector Material	Brass
Underground Network Component Type	Shield Terminal Lug

Configuration Features

Visual Inspection	No
Number of Contact Bolts	1

Electrical Characteristics

Mechanical Connector Voltage Class	≤ 1 kV
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Body Features

Mechanical Connector Conductor Material	Aluminum-Copper
Conductor Type	Round, Stranded
Blocked	Yes

Dimensions

Stud Size	12
Bolt Head Size (Across Flats)	10 mm
Conductor Range	10 – 50 mm², 10 – 50 mm²
Palm Hole Diameter	13



Operation/Application

Energized Installation	No
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Product Availability

Mechanical Connector Product Availability	Worldwide
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (3.5% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 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>

Compatible Parts

HEL-2070.1-Z-AK

Mechanical Connectors, Worldwide, ≤ 1 kV, Aluminum-Copper, Round / Stranded,
Conductor Range 10 – 50 mm², Brass, 1 Contacts, Shield Terminal Lug





TE Part # E94665-000
[HEL-2070-Z-AK](#)

Customers Also Bought



TE Part #651087-000
[CRSM-107/29-750/239\(S5\)](#)



TE Part #385152-000
[MWTM-75/22-1000/S\(S5\)](#)



TE Part #A23668-000
[Mechanical Cable Lugs up to 84 kV](#)



TE Part #688850-000
[HEL-6875](#)



TE Part #E98482-000
[MM-C7-GC620](#)



TE Part #D42517-000
[LVA-280B-CS](#)

TE Part #CJ6783-000
[EFSJ-12D-DE03](#)

TE Part #865847-000
[EFSJ-SP4-DE01](#)

TE Part #506567-000
[EFSJ-SP5-DE01](#)

Documents

Product Drawings

[HEL-2070.1-Z-AK](#)

English

Datasheets & Catalog Pages

[CABLE-CLAMPS-BROCHURE](#)

English