

1-2270135-1 x OBSOLETE

SOLARLOK | SOLARLOK Z-Rail Junction Box

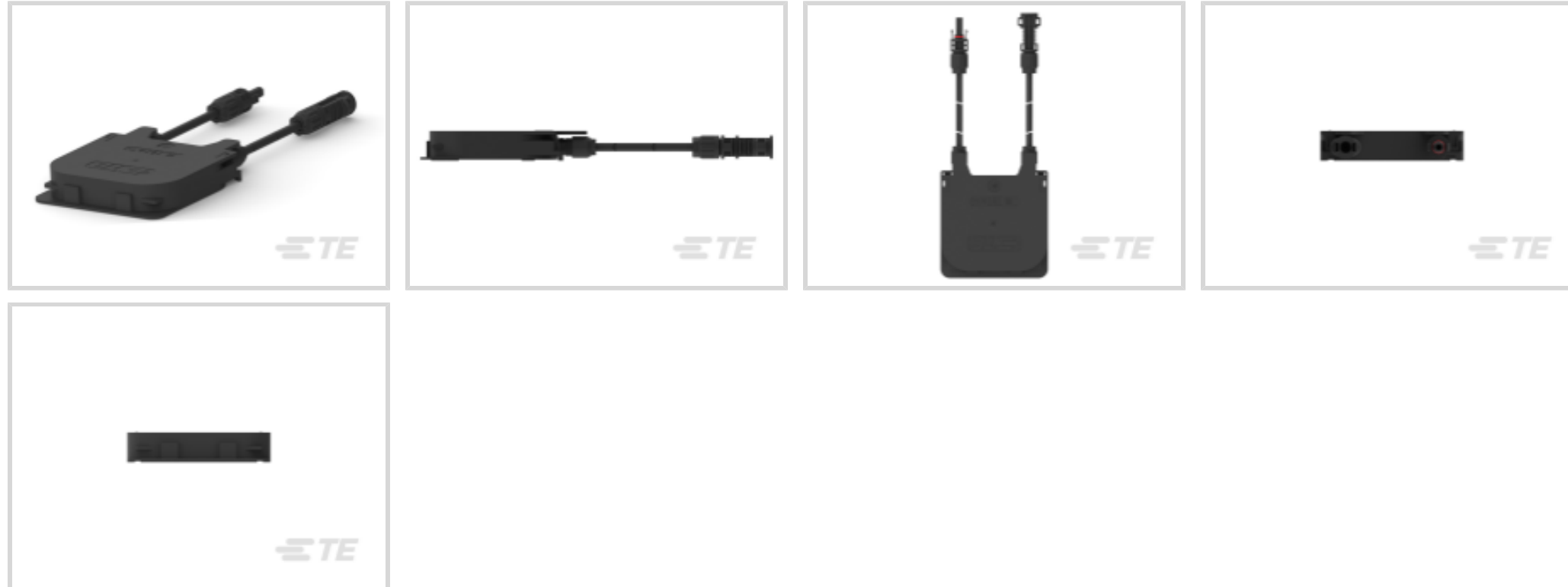
TE Internal #: 1-2270135-1

TE Internal Description: Z-RAIL,4 RAIL,CLAMP,1.5KV,1.0M,13A

[View on TE.com >](#)



Energy & Power > Solar & Photovoltaics > Solar Distribution Boxes



Solar Distribution Box Product Type: **Junction Box**

Wire Size: **4 mm²**

Contact Base Material: **Copper Alloy**

Solar Distribution Box Housing Material: **Polyphenylene Ether (PPE) + Polystyrene (PS)**

Solar Distribution Box Keying: **Minus-Plus**

Features

Product Type Features

Diode Style	SL1515B, SL1515E
Solar Distribution Box Product Type	Junction Box
Junction Box Type	Crystalline
Solar Distribution Box Connector Type	PV4-S
Connection Style	Direct Wire
Solar Distribution Box Wire/Cable Type	PV Wire, PV1500DC-F

Configuration Features

Solar Distribution Box Keying	Minus-Plus
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Electrical Characteristics

Bypass Diode	With
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Body Features

Color	Black
Jacket Color	Black
Interconnection Type	Serial

Contact Features

Contact Finish	Tin
Contact Base Material	Copper Alloy
Number of Contact Rails	4

Termination Features

Foil Termination Method	S-Clip
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Housing Features

Housing Color	Black
Solar Distribution Box Housing Material	Polyphenylene Ether (PPE) + Polystyrene (PS)

Dimensions

Dimensions	115 x 110 x 23 (W x D x H) mm
Cable Length	1 m[3.28 ft]
Accepts Wire Insulation Diameter Range	6.35 mm[.25 in]
Wire Size	12 AWG

Packaging Features

Packaging Quantity	35
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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) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed 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 | [SOLARLOK Z-Rail Junction Box](#)



Solar Distribution Boxes(1)

Documents

Product Drawings

[Z-RAIL,4 RAIL,CLAMP,1.5KV,1.0M,13A](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2270135-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2270135-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2270135-1_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[SOLARLOK Z-Rail Junction Box 1500V flyer](#)

English

[1-1773888-9 SolarCatalog](#)

English

Agency Approvals

[UL](#)

English