



Energy & Power > Street Lighting Fuse Boxes



Street Lighting Fuse Box Product Availability: Americas, Asia, Australia, New Zealand & Pacific Islands, China, Europe, Middle East & Africa

Street Lighting Fuse Box Voltage Rating: 400 V

Street Lighting Fuse Box Product Type: Street Lighting Fuse Box

Door Height: 270 mm, 280 mm, 300 mm, 350 mm

Door Width: 85 mm, 90 mm, 100 mm

Features

Product Type Features

Product Family	EKM-2050
Street Lighting Fuse Box Product Type	Street Lighting Fuse Box
Underground Cable Type	Plastic Insulated
Fuse Type	D01

Configuration Features

Number of Luminaire Cables (Max)	4
Number of Fuses	2
Number of Underground Cables (Max)	3
Street Lighting Fuse Box Terminal Type	Sliding
Wires per Cable (Max)	5
Pinning	L1, L2, L3, (N), PE(N)

Electrical Characteristics

Street Lighting Fuse Box Voltage Rating	400 V
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Body Features

Color	Gray
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Dimensions

Door Height	270 mm, 280 mm, 300 mm, 350 mm
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Door Width	85 mm, 90 mm, 100 mm
Pole Diameter	89 mm, 90 mm, 95 mm, 96 mm, 98 mm, 100 mm, 102 mm, 104 mm, 110 mm, 115 mm, 116 mm, 120 mm
Cable Cross-Section (Max)	25 mm ²

Usage Conditions

Environmental Resistance	-25 – 55 °C
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Operation/Application

Free of Lead, Cadmium, Heavy Metals	Yes
Application	Inside Poles & Outdoors
Impact Resistance	4J
Halogen Free	Yes
Silicone-Free	Yes
UV-Stabilized	Yes

Industry Standards

UL Rating	no
CSA Certified	No
Standards	VDE 0660-505
Enclosure Rating	IP54

Product Availability

Minimum Order Quantity	1
Street Lighting Fuse Box Product Availability	Americas, Asia, Australia, New Zealand & Pacific Islands, China, Europe, Middle East & Africa

Other

Other Colors Available	No
Product Use	Connection, Protection of Luminaires

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	



Current ECHA Candidate List: JUNE 2024
(241)
Candidate List Declared Against: JAN 2024
(240)
Does not contain REACH SVHC

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

 TE Part # EK6529-000 EKM-2035-1D2-4S6	TE Part # EE0136-000 GURO-EC10-R8-400-RM5	TE Part # EE0141-000 GURO-EC10-RM8-400-RM5	TE Part # D24969-000 GURO-F-D1-02
TE Part # C15515-000 GURO-F-D1-04	TE Part # A73919-000 GURO-F-D1-06	TE Part # A05271-000 GURO-F-D1-10	TE Part # 838144-000 GURO-F-D1-16



TE Part # F31979-000

[GURO-F-D1-SC](#)

TE Part # C72819-000

[GURO-CO-2050-SK](#)

Also in the Series | **GURO EKM**

[Street Lighting Fuse Boxes\(199\)](#)

Customers Also Bought

TE Part #822895-000

[CRSM-34/10-750/239\(S10\)](#)

TE Part #497587-000

[Medium-Wall Heat Shrink Tubing](#)

TE Part #BM5711N002

[102L044-R05/S\(S25\)](#)

TE Part #CF6020-005

[MXSU-5131-L](#)

TE Part #D93040N001

[302K333/S\(S20\)](#)

TE Part #973301-000

[EPKE-0024-\(S25\)](#)

TE Part #A05941-000

[EN-DCPT-10/5-45-SP](#)

TE Part #C76762-000

[RPKJ-24C/1XU-3HL-DE02](#)

TE Part #027268-000

[HMY-700-GD1440](#)



Documents

Product Drawings

EKM-2050FH-2D1-5S/U

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_CS0558-000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_CS0558-000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_CS0558-000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

UBERSPANNUNGSSCHUTZ

German

EKM2050-FUSE-BOX-STREET-LIGHTING

English

EKM-2050FH-2D1-5S/U

German