



FUSE BOX EKM-2020

FUSE BOX FOR APPLICATION IN LIGHTING POLES

KEY FEATURES

- Fulfills the requirements of VDE 0660-505 and DIN 43628
- Suitable for application in lighting poles with diameter ≥ 84 mm
- Fast installation thanks to improved, range taking cable sealings
- Proven mantle terminals allow simple and secure connection up to 16 mm^2
- Prewired with brass bars
- All metal parts corrosion protected
- Touch proof at maintenance even with removed cover

TE Connectivity's (TE) EKM-2020 was developed to meet expectations with respect to ease of assembly and reliability. It is a cost effective solution to connect and protect luminaires in lighting poles.

With its mantle terminals EKM-2020 can be installed fast and reliably in all street lighting grids.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.



TECHNICAL DATA

Detail	Data
Application range	inside of lighting poles
Pole inner diameter	≥ 84 mm
Min. dimension of hand hole W x H	70 x 240 mm
Degree of protection	IP 44
Protection class	II
Cable cross section feeder cable	up to 3 x 5 x 2,5 - 16 mm ² (cable dia. 2 x 10 - 24 mm or 3 x 10 - 23 mm)
Cable cross section luminaire cable	1 x 3 x 1,5 mm ² - 2 x 5 x 2,5 mm ² (cable dia. 8-14 mm)
Dimensions H x W x D	232 x 69 x 69
Feeder cable terminals	5 mantle terminals
Fuse system	2 X D01 (E14) with screw caps
Pinning	universal, L1, L2, L3, N, PE(N)
Protection against contact to life parts	acc. BGV A3
Material	thermoplastic material
Cover details	transparent cover with latch
Luminaire cable sealing	2 rubber glands, additionally 2 cables max. dia. 11,5 mm can be routed to the bottom

PRODUCT SELECTION INFORMATION

Description		for 1 cable (mm ²)	for 2 cables (mm ²)	for 3 cables (mm ²)	Part Number
EKM-2020-2D1-B	2 fuseholders D01(E14), bulk packing 20 pcs.	5 x 2,5 - 16	5 x 2,5 - 16	5 x 2,5 - 16	512986-000
EKM-2020-2D1	2 fuseholders D01(E14)	5 x 2,5 - 16	5 x 2,5 - 16	5 x 2,5 - 16	919406-000
EKM-2020-2D1-6-E22-B	2 fuseholders D01(E14), 2 fuses 6 A, earthing cable 10 mm ² , green/yellow 400 mm long with screw M8x12	5 x 2,5 - 16	5 x 2,5 - 16	5 x 2,5 - 16	274608-000
Earthing cable for EKM-2020, length: 400 mm, green/yellow, 10 mm ² , H07V-K					
GURO-EC10-RM8-400-S11	with cable sleeve for M11 mantle terminals, screw M8x12	-	-	-	EE0140-000
GURO-EC10-R8-400-S11	with cable sleeve for M11 mantle terminals, cable sleeve for M8	-	-	-	EE0135-000

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