



## FUSE BOX EKM-2042

### FUSE BOX FOR APPLICATION IN LIGHTING POLES OR OUTDOOR

#### KEY FEATURES

- Suitable for application in lighting poles with diameter  $\geq 70$  mm
- Suitable for outdoor application, impact resistant, flame retardant housing
- Sliding terminals allow simple and secure connection up to 10 (16) mm<sup>2</sup>
- Touch proof at maintenance even with removed cover
- Prewired with brass bars
- Easy installation with push in luminaire cable rubber glands

TE Connectivity's (TE) EKM-2042 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 sliding terminals EKM-2042 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.**

## Fuse Box EKM-2042



Type tested according to VDE 0660-505 and DIN 43628.

TECHNICAL DATA	
Detail	Data
Application range	inside of lighting poles (SK) or outdoor (SKF)
Pole inner diameter	≥ 70 mm
Minimum dimension of hand hole W x H	66 x 240 mm
Degree of protection	IP 43 (SK) or IP 55 (SKF)
Protection class	II
Cable cross section feeder cable	up to 3 x 5 x 2,5 - 10 mm <sup>2</sup> or 3 x 5 x 6 mm <sup>2</sup> (cable dia. 3 x 16 - 23 mm)
Cable cross section luminaire cable	1/2 x 3 x 1,5 mm <sup>2</sup> - 1/2 x 5 x 2,5 mm <sup>2</sup> (cable dia. 8 - 13 mm)
Dimensions H x W x D	240 x 66 x 55 mm
Feeder cable terminals	5-pole with sliding terminals
Fuse system	2 X D01 plug type
Pinning	universal
Protection against contact to life parts	acc. BGV A3
Material	impact resistant, flame retardant, thermoplastic material
Cover details	cover with screw lock, wire sealable
Luminaire cable sealing	1 double rubber gland

PRODUCT SELECTION INFORMATION					
Description		for 1 cable (mm <sup>2</sup> )	for 2 cables (mm <sup>2</sup> )	for 3 cables (mm <sup>2</sup> )	Part Number
EKM-2042SK-2D1-6	SK, with transparent cover, 2 fuseholder D01, 2 fuses 6 A, pinning L1, L2, <L3>, N, PE(N)	5 x 2,5 - 10	5 x 2,5 - 10	5 x 2,5 - 10	D35657-000
EKM-2042SK-2D1-6-E42	SK, with transparent cover, 2 fuseholder D01, 2 fuses 6 A, pinning L1, L2, <L3>, N, PE(N), earthing wire 6 mm <sup>2</sup> , green/Yellow 400 mm with screw M8x12	5 x 2,5 - 10	5 x 2,5 - 10	5 x 2,5 - 10	D56795-000
EKM-2042SKF-2D1-6	SKF, IP55, with grey cover, 2 fuseholder D01, 2 fuses 6 A, pinning L1, L2, <L3>, N, PE(N)	5 x 2,5 - 10	5 x 2,5 - 10	5 x 2,5 - 10	A96972-000
EKM-2042SKF-2D1-6-E42	SKF, IP55, with grey cover, 2 fuseholder D01, 2 fuses 6A, pinning L1, L2, <L3>,N, PE(N), earthing wire 6 mm <sup>2</sup> , green/Yellow 400 mm with screw M8x12	5 x 2,5 - 10	5 x 2,5 - 10	5 x 2,5 - 10	D96784-000
EKM-2042F-2D1-6-IP2X	SKF, IP55, with grey cover, 2 fuseholder D01, 2 fuses 6 A, pinning L1, L2, <L3>, N, PE(N), with partially insulated sliding terminals	5 x 2,5 - 16	5 x 2,5 - 10	5 x 2,5 - 10	CB7471-000

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