



FUSE BOX EKM-2045

FOR APPLICATION IN LIGHTING BOLLARDS OR OUTDOOR

KEY FEATURES

- Suitable for application in lighting poles with diameter ≥ 59 mm
- Suitable for outdoor application, impact resistant, flame retardant housing
- Pillar terminals allow simple and secure connection up to 2,5 (4) mm²
- Touch proof at maintenance even with removed cover
- Prewired with brass bars

TE Connectivity's (TE) EKM-2045 was developed to meet expectations with respect to ease of assembly and reliability. It is a cost effective solution to connect and protect bollards.

The versions with 10 x 38 fuse holders are intended to protect wall mounted luminaires.

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

Fuse Box EKM-2045



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

TECHNICAL DATA	
Detail	Data
Application range	inside of lighting bollards or outdoor
Pole inner diameter	> 59 mm
Min. dimension of hand hole W x H	58 x 150 mm
Degree of protection	IP 55
Protection class	II
Cable cross section feeder cable	1,5 - 2,5 (4) mm ²
Cable cross section luminaire cable	1,5 - 2,5 (4) mm ²
Dimensions H x W x D	158 x 57 x 43 mm
Feeder cable terminals	pillar terminals
Fuse system	1 x D01 or 1 x 10 x 38
Pinning	universal
Protection against contact to life parts	acc. BGV A3
Material	impact resistant, flame retardant thermoplastic material
Cover details	grey cover with screw lock, wire sealable
Luminaire cable sealing	rubber gland

PRODUCT SELECTION INFORMATION					
Description		For 1 cable (mm ²)	For 2 cables (mm ²)	For 3 cables (mm ²)	Part Number
EKM-2045-1D1-4	1 fuseholder D01, 1 fuse 4 A	3 x 1,5 - 3 x 4 4 x 1,5 - 2,5 (-4)* 5 x 1,5 - 2,5 (-4)*	3 x 1,5 - 3 x 4 4 x 1,5 - 2,5 (-4)* 5 x 1,5 - 2,5 (-4)*	-	F06699-000
EKM-2045-1D1-4-E41	1 fuseholder D01, 1 fuse 4 A, with earthing cable with 4,3 mm cable sleeve	3 x 1,5 - 3 x 4 4 x 1,5 - 2,5 (-4)* 5 x 1,5 - 2,5 (-4)*	3 x 1,5 - 3 x 4 4 x 1,5 - 2,5 (-4)* 5 x 1,5 - 2,5 (-4)*	-	522334-000
EKM-2045-1FN-G	1 fuseholder for 10 x 38 fuses with neutral disconnect, 1 fuse 4 A	3 x 1,5 - 3 x 4 4 x 1,5 - 2,5 (-4)* 5 x 1,5 - 2,5 (-4)*	3 x 1,5 - 3 x 4 4 x 1,5 - 2,5 (-4)* 5 x 1,5 - 2,5 (-4)*	-	CG7018-000
EKM-2045-1FNT-G	1 fuseholder for 10 x 38 fuses with neutral disconnect, 1 fuse 4 A 1 green/yellow terminal block	3 x 1,5 - 4	-	-	CG7019-000
* if cable diameter < 17 mm					
EKM-2045-EM-G	empty housing with DIN-rail	-	-	-	CN6953-000

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