



FUSE BOX EKM-1281

FUSE BOX FOR APPLICATION IN LIGHTING POLES OR OUTDOOR

KEY FEATURES

- Suitable for application in lighting poles with diameter ≥ 120 mm
- Suitable for outdoor application, impact resistant, flame retardant housing
- Mantle terminals allow simple and secure connection up to 35 mm^2
- Touch proof at maintenance even with removed cover
- Submersible versions with IP 67 available

TE Connectivity's (TE) EKM-1281 provides a solution for connection and protection of luminaires in lighting poles and outdoor, that has proven its reliability over decades.

With its mantle terminals EKM-1281 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-1281



TECHNICAL DATA

Detail	Data
Application range	inside of lighting poles or outdoor
Pole inner diameter	≥ 120 mm
Min. dimension of hand hole W x H	100 x 300 mm
Degree of protection	IP 54, IP 67 (submersible)
Protection class	II
Cable cross section feeder cable	2 x 5 x 16 - 35 mm ² or 3 x 4 x 16 mm ² (cable dia. 2 x 22-30 mm, 3 x 22 - 26 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	306 x 100 x 94 mm
Feeder cable terminals	4- / 5- pole terminal blocks with mantle terminals
Fuse system	2 - 3 x D01 (E14), 2 x D II (E27), 3 x D02 (E18)
Pinning	universal
Protection against contact to life parts	acc. BGV A3
Material	impact resistant, flame retardant thermoplastic material
Cover details	cover with screw lock
Luminaire cable sealings	2 x Pg 13,5 with compression glands or compression gland and membrane gland

PRODUCT SELECTION INFORMATION

Description		for 1 cable (mm ²)	for 2 cables (mm ²)	for 3 cables (mm ²)	Part Number
fuse system D01 (E14)					
EKM-1281-2D1-4X25-2PG-C3	2 fuseholders D01 (E14), 4 mantle terminals, for 3 feeder cables	4 x 16 - 25	4 x 16 - 25	4 x 16	357322-000
EKM-1281-2D1-5X25-2PG-C3	2 fuseholders D01 (E14), 5 mantle terminals, for 3 feeder cable	5 x 16 - 25	5 x 16 - 25	5 x 16	397458-000
EKM-1281-2D1-4x35-2PG-C2	2 fuseholders D01 (E14), 4 mantle terminals, for 2 feeder cables	4 x 16 - 35	4 x 16 - 35	-	150810-000
EKM-1281-3D1-4X16-2PG-C3	3 fuseholders D01 (E14), 4 mantle terminals, for 3 feeder cables	4 x 16 - 25	4 x 16 - 25	4 x 16	147898-000
EKM-1281-3D1-5X25-2PG-C2	3 fuseholders D01 (E14), 5 mantle terminals, for 2 feeder cables	5 x 16 - 25	5 x 16 - 25	-	894656-000
EKM-1281-3D1-4X35-2PG-C2	3 fuseholders D01 (E14), 4 mantle terminals, for 2 feeder cables	4 x 16 - 35	4 x 16 - 35	-	910040-000
fuse system DII (E27)					
EKM-1281-1D2-4x25-2PG-C2	1 fuseholder DII (E27), 4 mantle terminals, for 2 feeder cables	4 x 16 - 25	4 x 16 - 25	-	351860-000
EKM-1281-1D2-4x35-2PG-C2	1 fuseholder DII (E27), 4 mantle terminals, for 2 feeder cables	4 x 16 - 35	4 x 16 - 35	-	870320-000
EKM-1281-1D2-5x16-2PG-C2	1 fuseholder DII (E27), 5 mantle terminals, for 2 feeder cables	5 x 6 - 16	5 x 6 - 16	-	344044-000
EKM-1281-1D2- 5x16-2PG-C3	1 fuseholder DII (E27), 5 mantle terminals, for 3 feeder cables	5 x 16 - 25	5 x 16 - 25	5 x 16	619568-000
EKM-1281-1D2-5x25-2CG-C2	1 fuseholder DII (E27), 5 mantle terminals, for 2 feeder cables	5 x 16 - 25	5 x 16 - 25	-	E29570-000
EKM-1281-2D2-4x25-2PG-C2	2 fuseholders DII (E27), 4 mantle terminals, for 2 feeder cables	4 x 16 - 25	4 x 16 - 25	-	D32281-000
EKM-1281-2D2-4x35-2CG-C2	2 fuseholders DII (E27), 4 mantle terminals, for 2 feeder cables	4 x 16 - 35	4 x 16 - 35	-	C16837-000
EKM-1281-2D2-5x25-2CG-C3	2 fuseholders DII (E27), 5 mantle terminals, for 3 feeder cables	5 x 16 - 25	5 x 16 - 25	5 x 16	C74279-000
fuse system D02 (E18)					
EKM-1281-3D02-5x16-2PG-C2	3 fuseholders D02 (E18), 5 mantle terminals, for 2 feeder cables	5 x 6 - 16	5 x 6 - 16	-	589126-000
without fuseholders					
EKM-1281-1R-4x35-2PG-C2	4 mantle terminals, 1 DIN-rail, for 2 feeder cables	4 x 16 - 35	4 x 16 - 35	-	C80505-000
IP 67 for areas on flooding risk					
EKM-1281S-2D1-5S/U-2PG-C2	2 fuseholders D01 (E14), 5 sliding terminals, for 2 feeder cables	4 x 25/5 x 16	4 x 25/5 x 16	-	523562-000
EKM-1281S-3D1-5S/U-2PG-C2	3 fuseholders D01 (E14), 5 sliding terminals, for 2 feeder cables	4 x 25/5 x 16	4 x 25/5 x 16	-	CE3872-000

FOR MORE INFORMATION: TE Technical Support Centers

USA:	+ 1 800 327 6996
France:	+ 33 380 583 200
UK:	+ 44 0870 870 7500
Germany:	+ 49 896 089 903
Spain:	+ 34 916 630 400
Benelux:	+ 32 16 351 731
Canada:	+ 1 (905) 475-6222
Mexico:	+ 52 (0) 55-1106-0800
Latin/S. America:	+ 54 (0) 11-4733-2200
China:	+ 86 (0) 400-820-6015

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