



FUSE BOX EKM-2045 XMAS

CONNECTION BOX FOR FESTIVE LIGHTING APPLICATIONS

KEY FEATURES

- Quick and easy connection or change of festive lighting equipment
- Protection from residual current using automatic resetting RCD (configurable)
- Suitable for installations at light poles or on walls
- Unnoticeable installation due to small dimensions
- Safe and easy connection of line cables up to 4 mm² using modular terminal blocks

TE Connectivity's (TE) EKM 2045-XMAS connection box is designed for use with festive lighting applications. It provides a functional solution to connect and protect all types of temporary lighting equipment up to 10 A, using an integrated CPC-plug outlet.

Space saving installation can be done on walls of houses or directly at light poles. An integrated electronic residual current device (Cobox 12) protects all connected devices in case of ground faults.

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
EKM-2045-XMAS	
Application range	Fixing to walls with 6 mm screws or fixing to poles with 20 mm wide steel
Pole inner diameter	--
Min. dimension of hand hole W x H	--
Degree of protection	IP 54
Protection class	II
Line side	Up to 2 x 1.5 - 4 mm ² , (cable-Ø 7 - 17 mm)
Load side	CPC-plug outlet with captive sealing cap, max. 10 A
Dimensions H x W x D	166 x 57 x 43 mm
Feeder cable terminals	Modular terminal blocks
Fuse system	--
Pinning	--
Protection against contact to live parts	According to BGV A3
Material	impact resistant, flame retardant thermoplastic material
Cover details	grey cover with screw lock, wire sealable
Luminaire cable sealing	rubber gland
RDC COBOX-12*	
Switching capacity:	2-pole up to 10 A
Rated voltage	190 to 265 VAC, 50/60 Hz
Sensitivity	30 mA
Operating temperature	-20 to +60°C
Error indication	With integrated LEDs
Restart functionality	Restart of RCD direct after turn-off and restart of mains

* Note: Cobox 12 will not replace protection devices in applications where an RCD with 30 mA sensitivity following DIN VDE 100 is specified.

PRODUCT SELECTION INFORMATION

Description		for 1 cable (mm ²)	for 2 cables (mm ²)	for 3 cables (mm ²)	Part Number
Version with CPC-plug outlet and RCD (Cobox-12)					
EKM-2045-FI-XMAS-G	with CPC-plug outlet and with RCD	2 x 1,5 - 4	-	-	EA9127-000
Version with CPC-plug outlet without RCD					
EKM-2045-XMAS-G	with CPC-plug outlet (without RCD)	2 x 1,5 - 4	-	-	EA9123-000
CPC-plug-in connector including 3 m cable, 2 poles, black					
GURO-CC-2x1,5-3-CPC	CPC-plug including 3 m cable H07RN-F 2 x 1,5 mm ²	-	-	-	EA9122-000

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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