590.EM25003

SWITCH DISCONNECTOR
250A 3P IP65 460x520x245mm K2 IK08 EMERGENCY YELLOW/RED GW 650°C



* Product image may be indicative

EN IEC 60947-3 (2021)
EN IEC 60947-1 (2021)
Low voltage direct. 2014/35/EU

GENERAL CHARACTERISTICS

Commercial Series	ISOLATORS-TP Series
Synthetical description	SWITCH DISCONNECTOR
Description	

The switch disconnector isolators-tp series is engineered for emergency applications, featuring a durable construction with engineering plastic. It operates at a rated current of 250A and a rated voltage of 690V, ensuring reliable performance. The device is configured with 3P poles and a K2 switch size, providing efficient operation at 250A in AC23A (415V). It offers a protection degree of IP65 and an impact resistance of IK08, suitable for demanding environments. The handle is yellow/red for enhanced visibility. This enclosed switch disconnector is designed for surface mounting and includes features such as blank sides, a door interlock, and a padlockable handle in the OFF position for up to three padlocks. It also incorporates a late break and early make neutral pole.

Type	EMERGENCY
Mounting version	SURFACE MOUNTING

TECHNICAL CHARACTERISTICS

Rated current	250A
Poles	3P
Switch size	K2
Rated voltage	690V
Rated insulation voltage (Ui)	1000VAC
Rated impulse voltage (Uimp)	12KV
Thermal current (Ithe)	250A
Current (Ie) AC21A (415V)	250A
Current (Ie) AC21A (500V)	250A
Current (Ie) AC21A (690V)	250A
Current (Ie) AC22A (415V)	250A
Current (Ie) AC22A (500V)	250A
Current (Ie) AC22A (690V)	250A
Current (Ie) AC23A (415V)	250A
Current (Ie) AC23A (500V)	200A
Current (Ie) AC23A (690V)	160A
Power AC23A (415V)	132kW
Short-time withstand current	8kA Icw(1s)
Conditional short circuit cur.	50kAeff
Associate fuse - type gG	250A

PHYSICAL CHARACTERISTICS

Construction type	Enclosed
Mounting version	SURFACE MOUNTING
Material	ENGINEERING PLASTIC
Protection degree IP	IP65
Installation temperature	-25°C/+60°C
Colour	YELLOW/RED
GLOW WIRE	GW 650°C
Protection degree IK	IK08
Padlock	ø8mm

DIMENSIONAL CHARACTERISTICS

Dimensions	460x520x245mm
Terminal bolt size	M8

SCAME PARRE S.p.A
Via Costa Erta, 15 - 24020 Parre (BG) Italy - +39 035 705000

Palm width	21mm

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Technical drawing [PDF]
Technical drawing [STP]
Technical drawing [DWG]
Instruction manual

OPTIONS & VARIOUS NOTES

Catalogue notes	Equipped with door interlock
	With late break and early make neutral pole
	Blank sides
	Handle padlockable in OFF position only (3 padlocks)