590.EM4013

SWITCH DISCONNECTOR
40A 3P IP66/IP69 110x150x87mm Y1 IK09 EMERGENCY YELLOW/RED GW 650°C



EN IEC 60947-1 (2021)
EN IEC 60947-3 (2021)

Low voltage direct. 2014/35/EU
DIRECTIVE RoHS 2011/65/EU

Commercial Series	ISOLATORS-TP Series
Synthetical description	SWITCH DISCONNECTOR
Type	EMERGENCY
Mounting version	SURFACE MOUNTING

TECHNICAL CHARACTERISTICS

Rated current	40A
Poles	3P
Switch size	Y1
Rated voltage	690V
Rated insulation voltage (Ui)	690VAC
Rated impulse voltage (Uimp)	4kV
Thermal current (Ithe)	40A
Current (Ie) in AC21A (415V)	40A
Current (Ie) in AC21A (500V)	32A
Current (Ie) in AC21A (690V)	32A
Current (Ie) in AC22A (415V)	40A
Current (Ie) in AC22A (500V)	32A
Current (Ie) in AC22A (690V)	32A
Current (Ie) in AC23A (415V)	35A
Current (Ie) in AC23A (500V)	25A
Current (Ie) in AC23A (690V)	25A
Current (Ie) in AC3 (415V)	28.5A
Current (Ie) in AC3 (690V)	20A
Current (Ie) in DC22A (250V)	32A
Current (Ie) in DC22A (600V)	10A
Power AC23A (415V)	18.5kW
Short-time current	400A Icw(1s)
Conditional short circuit cur.	10kAeff
Associate fuse - type gG	40A
Terminals - Flexible wires	1.5-10mm²
Terminals - Rigid wires	1.5-16mm²

PHYSICAL CHARACTERISTICS

Construction type	Enclosed
Mounting version	SURFACE MOUNTING
Material	ENGINEERING PLASTIC
Protection degree IP	IP66/IP69
Installation temperature	-25°C/+60°C
Colour	YELLOW/RED
GLOW WIRE	GW 650°C
Protection degree IK	IK09

DIMENSIONAL CHARACTERISTICS

Dimensions	110x150x87mm

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Technical drawing [PDF]
Technical drawing [DWG]
Technical drawing [STP]

Instruction manual

OPTIONS & VARIOUS NOTES

Catalogue notes	Handle padlockable in OFF position only (3 padlocks)
Catalogue notes	Equipped with door interlock
Catalogue notes	Blank side with drilling point marks on top side base
Catalogue notes	Break-through cable entries on bottom side base
Catalogue notes	Reversible base