590.EM10003

SWITCH DISCONNECTOR
100A 3P IP66/IP69 160x220x115mm
Y4 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	100A
Poles	3P
Switch size	Y4
Rated voltage	690V
Rated insulation voltage (Ui)	800VAC
Rated impulse voltage (Uimp)	8kV
Thermal current (Ithe)	100A
Current (Ie) in AC21A (415V)	100A
Current (Ie) in AC21A (500V)	100A
Current (Ie) in AC21A (690V)	100A
Current (Ie) in AC22A (415V)	100A
Current (Ie) in AC22A (500V)	100A
Current (Ie) in AC23A (415V)	100A
Current (Ie) in AC23A (500V)	63A
Current (Ie) in AC23A (690V)	32A
Power AC23A (415V)	46kW
Short-time current	1,5kA Icw(1s)
Conditional short circuit cur.	30kAeff
Associate fuse - type gG	100A
Terminals - Flexible wires	10-50mm²
Terminals - Rigid wires	10-50mm²

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	160x220x115mm

DOWNLOAD

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

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