

590.EM10005

SWITCH DISCONNECTOR
100A 3P+N 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

Commercial Series

ISOLATORS-TP Series

Synthetical description

SWITCH DISCONNECTOR

Type

EMERGENCY

■ TECHNICAL CHARACTERISTICS

Rated current	100A
Poles	3P+N
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	10-50mm ²
Terminals - Rigid wires	10-50mm ²

■ PHYSICAL CHARACTERISTICS

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
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■ 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	With late break and early make neutral pole
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
