590.EM16005

SWITCH DISCONNECTOR
160A 3P+N IP66/IP69
240x340x137mm Y5 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	160A
Poles	3P+N
Switch size	Y5
Rated voltage	690V
Rated insulation voltage (Ui)	800VAC
Rated impulse voltage (Uimp)	8kV
Thermal current (Ithe)	160A
Current (Ie) in AC21A (415V)	160A
Current (Ie) in AC21A (500V)	160A
Current (Ie) in AC21A (690V)	160A
Current (Ie) in AC22A (415V)	160A
Current (Ie) in AC22A (500V)	160A
Current (Ie) in AC22A (690V)	160A
Current (Ie) in AC23A (415V)	160A
Current (Ie) in AC23A (500V)	125A
Current (Ie) in AC23A (690V)	100A
Power AC23A (415V)	69kW
Short-time current	3kA Icw(1s)
Conditional short circuit cur.	69kAeff
Associate fuse - type gG	125A
Terminals - Flexible wires	10-70mm²
Terminals - Rigid wires	10-70mm²

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	240x340x137mm

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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)

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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