

590.EL2015.SN

SWITCH DISCONNECTOR
20A 3P+SN IP66/IP69
110x150x87mm Y1 IK09 GENERAL
YELLOW/RED SN (SOLID NEUTRAL)
LOCKABLE ON-OFF 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****GENERAL****Mounting version****SURFACE MOUNTING****■ TECHNICAL CHARACTERISTICS**

Rated current	20A
Poles	3P+SN
Switch size	Y1
Rated voltage	250V
Rated insulation voltage (Ui)	690VAC
Rated impulse voltage (Uimp)	4kV
Thermal current (Ithe)	20A
Current (Ie) in AC21A (415V)	20A
Current (Ie) in AC21A (500V)	20A
Current (Ie) in AC21A (690V)	20A
Current (Ie) in AC22A (415V)	20A
Current (Ie) in AC22A (500V)	20A
Current (Ie) in AC22A (690V)	20A
Current (Ie) in AC23A (415V)	20A
Current (Ie) in AC23A (500V)	20A
Current (Ie) in AC23A (690V)	20A
Current (Ie) in AC3 (415V)	18A
Current (Ie) in AC3 (690V)	12A
Current (Ie) in DC22A (250V)	25A
Current (Ie) in DC22A (600V)	10A
Power AC23A (415V)	9kW
Short-time current	400A Icw(1s)
Conditional short circuit cur.	10kAeff
Associate fuse - type gG	20A
Terminals - Flexible wires	1.5-10mm ²
Terminals - Rigid wires	1.5-16mm ²

■ 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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■ DOWNLOAD

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

Instruction manual

■ OPTIONS & VARIOUS NOTES

Notes	SN (SOLID NEUTRAL)
Catalogue notes	Handle padlockable in OFF (3 padlocks) and ON (1 padlock) position
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
Catalogue notes	Unswitched neutral (solid neutral terminal block)