

590.GE16003**SWITCH DISCONNECTOR**

160A 3P IP66/IP69 240x340x137mm
Y5 IK09 GENERAL GREY/BLACK 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	160A
Poles	3P
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	10-70mm ²
Terminals - Rigid wires	10-70mm 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	GREY/BLACK
GLOW WIRE	GW 650°C
Protection degree IK	IK09

■ DIMENSIONAL CHARACTERISTICS

Dimensions	240x340x137mm
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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 (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