

590.GE4012**SWITCH DISCONNECTOR**

40A 2P IP66/IP69 110x150x87mm Y1
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	40A
Poles	2P
Switch size	Y1
Rated voltage	690V
Rated insulation voltage (Ui)	690VAC
Rated impulse voltage (Uimp)	4kV
Thermal current (Ithe)	40A
Current (Ie) in AC21A (415V)	40A
Current (Ie) in AC21A (500V)	32A
Current (Ie) in AC21A (690V)	32A
Current (Ie) in AC22A (415V)	40A
Current (Ie) in AC22A (500V)	32A
Current (Ie) in AC22A (690V)	32A
Current (Ie) in AC23A (415V)	35A
Current (Ie) in AC23A (500V)	25A
Current (Ie) in AC23A (690V)	25A
Current (Ie) in AC3 (415V)	28.5A
Current (Ie) in AC3 (690V)	20A
Current (Ie) in DC22A (250V)	32A
Current (Ie) in DC22A (600V)	10A
Power AC23A (415V)	18.5kW
Short-time current	400A Icw(1s)
Conditional short circuit cur.	10kAeff
Associate fuse - type gG	40A
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	GREY/BLACK
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

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