

590.HGE4006

SWITCH DISCONNECTOR
40A 6P IP66 150x210x107mm Y3
IK10 GENERAL GREY/BLACK



* Product image may be indicative



EN IEC 60947-3 (2021)
 EN IEC 60947-1 (2021)

Low voltage direct. 2014/35/EU
 DIRECTIVE RoHS 2011/65/EU

■ GENERAL CHARACTERISTICS

Commercial Series	ISOLATORS-AL Series
Synthetical description	SWITCH DISCONNECTOR

Description

The switch disconnecter isolators-al series is engineered for industrial applications, featuring a robust die-cast aluminium construction. With a handle of grey/black for professional aesthetics. This device carries a rated current of 40A and operates efficiently at 40A in AC23A (415V). It offers a high protection degree of IP66 and an impact resistance IK10, ensuring durability and resistance to harsh environments. The switch disconnecter is configured with 6P poles and a Y3 switch size, operating at a rated voltage of 690V. Notable features include blank sides, a door interlock, and a padlockable handle in both OFF (up to three padlocks) and ON (one padlock) positions, designed for surface mounting.

Type	GENERAL
Mounting version	SURFACE MOUNTING

■ TECHNICAL CHARACTERISTICS

Rated current	40A
Poles	6P
Switch size	Y3
Rated voltage	690V
Rated insulation voltage (Ui)	690VAC
Rated impulse voltage (Uimp)	8kV
Thermal current (Ithe)	40A
Current (Ie) in AC21A (415V)	40A
Current (Ie) in AC21A (500V)	40A
Current (Ie) in AC21A (690V)	40A
Current (Ie) in AC22A (415V)	40A
Current (Ie) in AC22A (500V)	40A
Current (Ie) in AC22A (690V)	40A
Current (Ie) in AC23A (415V)	40A
Current (Ie) in AC23A (500V)	40A
Current (Ie) in AC23A (690V)	25A
Power AC23A (415V)	18.5kW
Short-time withstand current	1,1kA Icw(1s)
Conditional short circuit cur.	50kAeff
Associate fuse - type gG	40A
Terminals - Flexible wires	2.5-16mm ²
Terminals - Rigid wires	2.5-16mm ²

■ PHYSICAL CHARACTERISTICS

Construction type	Enclosed
Mounting version	SURFACE MOUNTING
Material	DIE-CAST ALUMINIUM
Protection degree IP	IP66
Installation temperature	-25°C/+60°C
Colour	GREY/BLACK
Protection degree IK	IK10
Padlock	ø8mm
Terminals tightening torque	2,0Nm

■ DIMENSIONAL CHARACTERISTICS

Dimensions	150x210x107mm
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■ DOWNLOAD

Technical drawing [PDF]
Technical drawing [STP]
Technical drawing [DWG]
Instruction manual

■ OPTIONS & VARIOUS NOTES

Catalogue notes	Handle padlockable in OFF (3 padlocks) and ON (1 padlock) position
	Equipped with door interlock
	Blank sides

Submitted by TECO Group