591.PGE2504

SWITCH DISCONNECTOR
25A 3/4P IP66 160x160x90mm II 2GD
GENERAL GREY/BLACK GW 960°C



* Product image may be indicative

EN 60079-31 (2014)
IEC 60079-0 (2017)
IEC 60079-31 (2013)
EN 60079-7 (2015)
EN IEC 60079-7/A1 (2018)
IEC 60079-7/AMD1 (2017)
EN 60079-1 (2014)
IEC 60079-1 (2014)
EN 60947-1/A1 (2011)
EN 60947-3/A2 (2015)
EN 60947-1 (2007)
EN 60947-3/A1 (2012)
EN 60947-1/A2 (2014)
EN 60947-3 (2009)
EN IEC 60079-0 (2018)
IEC 60079-7 (2015)

ATEX directive 2014/34/EU

GENERAL CHARACTERISTICS

Commercial Series	ISOLATORS-EX[GD] Series
Synthetical description	SWITCH DISCONNECTOR
Description	

The ISOLATORS-EX[GD] Series offers a robust SWITCH DISCONNECTOR designed for industrial applications requiring high safety standards. This GENERAL type switch disconnector supports a rated current of 25A and is available in 3 or 4 poles configurations. Engineered for surface mounting, it features a protection degree of IP66, ensuring reliable performance in harsh environments. The device is constructed from durable engineering plastic in a grey/black color scheme, providing both strength and aesthetic appeal. Certified under Group and Categories EX: II 2GD, it is suitable for use in potentially explosive atmospheres, adhering to ATEX [ATmosphères EXplosibles] standards. The enclosed construction type offers an impact resistance of 7J, enhancing its durability. The handle is padlockable in both OFF (accommodating 3 padlocks) and ON (1 padlock) positions, ensuring secure operation and maintenance.

Type	GENERAL
Mounting version	SURFACE MOUNTING

TECHNICAL CHARACTERISTICS

Rated current	25A
Poles	3/4P
Rated insulation voltage (Ui)	690VAC
Current (Ie) AC22A (690V)	25A
Current (Ie) AC23A (500V)	25A
Current (Ie) AC3 (500V)	25A
Terminals - Flexible wires	10mm²
Terminals - Rigid wires	16mm²

EX CHARACTERISTICS

Group and categories EX	II 2GD

PHYSICAL CHARACTERISTICS

Construction type	Enclosed
Mounting version	SURFACE MOUNTING
Material	ENGINEERING PLASTIC
Protection degree IP	IP66
Colour	GREY/BLACK
Cable entry	2xM25
Cable size	ø10-14mm
GLOW WIRE	GW 960°C
Impact resistance	7J
Padlock	ø6mm
Ambient temperature Ta min	-35 °C
Ambient temperature Ta max	60 °C
Terminals tightening torque	0,8Nm

DIMENSIONAL CHARACTERISTICS

Dimensions	160x160x90mm

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

Instruction manual
Instruction manual

OPTIONS & VARIOUS NOTES

Catalogue notes	Handle padlockable in OFF (3 padlocks) and ON (1 padlock) position
	ATEX [ATmosphères EXplosibles]: for applications in potentially explosive atmospheres.