591.SEM2002-A

SWITCH DISCONNECTOR
20A 2P IP66 150x220x120mm II 2GD
EMERGENCY YELLOW/RED



* 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 SWITCH DISCONNECTOR is engineered for demanding industrial environments, particularly those with potentially explosive atmospheres, as indicated by its ATEX certification (II 2GD). This emergency switch disconnector is designed for surface mounting and features a robust construction with an IP66 protection degree, ensuring resilience against dust and water ingress. The device is enclosed in high-grade STAINLESS STEEL [AISI316L], offering exceptional durability and corrosion resistance. It is equipped with a 2-pole configuration and supports a rated current of 20A. The switch is designed with a yellow/red color scheme for high visibility and includes an earth-stud for safety. The handle is padlockable in both OFF (accommodating up to three padlocks) and ON (one padlock) positions, enhancing security during maintenance. With an impact resistance of 7J, this switch disconnector is built to withstand harsh industrial conditions.

Type	EMERGENCY
Mounting version	SURFACE MOUNTING

TECHNICAL CHARACTERISTICS

Rated current	20A
Poles	2P
Rated insulation voltage (Ui)	690VAC
Current (Ie) AC22A (690V)	20A
Current (Ie) AC23A (500V)	20A
Current (Ie) AC3 (500V)	20A
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	STAINLESS STEEL [AISI316L]
Protection degree IP	IP66
Colour	YELLOW/RED
Cable entry	2xM25
Cable size	ø8-18mm
Impact resistance	7J
Padlock	ø6mm
Ambient temperature Ta min	-50 °C
Ambient temperature Ta max	60 °C
Terminals tightening torque	0,8Nm

DIMENSIONAL CHARACTERISTICS

Dimensions	150x220x120mm

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

Instruction manual
Instruction manual
Instruction manual

OPTIONS & VARIOUS NOTES

Options	Low temperature [-50°C]
Catalogue notes	Handle padlockable in OFF (3 padlocks) and ON (1 padlock) position
	ATEX [ATmosphères EXplosibles]: for applications in potentially explosive atmospheres.
	Earth-stud included