591.PEM2002-A

SWITCH DISCONNECTOR
20A 2P IP66 160x160x90mm II 2GD
EMERGENCY YELLOW/RED 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 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 type, enclosed in durable engineering plastic. It offers a rated current of 20A across 2 poles, ensuring reliable performance. The device is equipped with a high protection degree of IP66, safeguarding against dust and powerful water jets. Its impact resistance is rated at 7J, providing additional durability. The switch is colored in a distinctive yellow/red for visibility and includes a padlockable handle, allowing for secure locking in both OFF (up to 3 padlocks) and ON (1 padlock) positions. This ensures safety and control in critical operations.

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	ENGINEERING PLASTIC
Protection degree IP	IP66
Colour	YELLOW/RED
Cable entry	2xM25
Cable size	ø8-18mm
GLOW WIRE	GW 960°C
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	160x160x90mm

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Technical drawing [PDF]
Technical drawing [STP]
Technical drawing [DWG]
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.