

591.PEM2002

SWITCH DISCONNECTOR
20A 2P IP66 160x160x90mm II 2GD
EMERGENCY YELLOW/RED GW
960°C



* Product image may be indicative



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

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 disconnecter is designed for surface mounting and features a robust construction made from engineering plastic, ensuring durability and reliability. It is equipped with a 2-pole configuration and supports a rated current of 20A. The device offers a high protection degree of IP66, safeguarding against dust and water ingress. The switch disconnecter is enclosed and boasts an impact resistance of 7J, enhancing its resilience in harsh conditions. The handle is padlockable in both the OFF (accommodating up to 3 padlocks) and ON (1 padlock) positions, providing secure operation control. The unit is visually distinguished by its yellow/red color scheme, facilitating easy identification in emergency situations.

Type	EMERGENCY
Mounting version	SURFACE MOUNTING

TECHNICAL CHARACTERISTICS

Rated current	20A
Poles	2P
Rated insulation voltage (Ui)	690VAC
Current (Ie) in AC22A (690V)	20A
Current (Ie) in AC23A (500V)	20A
Current (Ie) in AC3 (500V)	20A
Terminals - Flexible wires	10mm ²
Terminals - Rigid wires	16mm ²

EX CHARACTERISTICS

Group and categories EX	II 2GD
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PHYSICAL CHARACTERISTICS

Construction type	Enclosed
Mounting version	SURFACE MOUNTING
Material	ENGINEERING PLASTIC
Protection degree IP	IP66
Colour	YELLOW/RED
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 [DWG]
 Technical drawing [STP]
 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.
