

591.PEM4004**SWITCH DISCONNECTOR**

40A 3/4P IP66 250x255x120mm 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 offers a robust SWITCH DISCONNECTOR designed for emergency applications, featuring a rated current of 40A and available in 3 or 4 poles. This device is engineered for surface mounting and is constructed from durable engineering plastic, ensuring longevity and reliability. It boasts a high protection degree of IP66, making it suitable for challenging environments. The unit is compliant with ATEX [ATmosphères EXplosibles] standards, suitable for use in potentially explosive atmospheres, classified under Group II 2GD. The switch disconnecter is enclosed and provides an impact resistance of 7J. It features a yellow/red color scheme for high 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 industrial settings.

Type	EMERGENCY
Mounting version	SURFACE MOUNTING

TECHNICAL CHARACTERISTICS

Rated current	40A
Poles	3/4P
Rated insulation voltage (Ui)	690VAC
Current (Ie) in AC22A (690V)	40A
Current (Ie) in AC23A (500V)	40A
Current (Ie) in AC23A (690V)	40A
Current (Ie) in AC3 (500V)	40A
Terminals - Flexible wires	25mm ²
Terminals - Rigid wires	35mm 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	2xM40
Cable size	ø22-32mm
GLOW WIRE	GW 960°C
Impact resistance	7J
Padlock	ø6mm
Ambient temperature Ta min	-35 °C
Ambient temperature Ta max	55 °C
Terminals tightening torque	2,5Nm

DIMENSIONAL CHARACTERISTICS

Dimensions	250x255x120mm
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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.
