

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)
IEC 60079-0 (2017)
IEC 60079-31 (2013)
EN 60079-7 (2015)
EN IEC 60079-7/A1 (2018)
IEC 60079-7 (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)

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 is available in a 3/4 pole configuration, supporting a rated current of 40A. It features a robust IP66 protection degree, ensuring resistance to dust and powerful water jets. Constructed from durable engineering plastic, the device is enclosed and offers an impact resistance of 7J. The switch disconnecter is equipped with a yellow/red handle that is padlockable in both the OFF (accommodating up to three padlocks) and ON (one padlock) positions, enhancing safety and security during maintenance or emergency shutdowns. This product is an integral component for maintaining operational safety in hazardous locations.

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 [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.
