

**591.PEM3204****SWITCH DISCONNECTOR**

32A 3/4P 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 offers a robust SWITCH DISCONNECTOR designed for emergency use, featuring a rated current of 32A and available in 3/4P configurations. Engineered for surface mounting, this device is constructed from durable engineering plastic and is enclosed to ensure optimal safety and performance. It boasts a high protection degree of IP66, making it suitable for challenging environments. The device is compliant with Group and Category EX II 2GD, adhering to ATEX standards for use in potentially explosive atmospheres. The switch disconnecter is equipped with a padlockable handle, allowing for secure locking in both the OFF (up to 3 padlocks) and ON (1 padlock) positions. Its impact resistance is rated at 7J, ensuring resilience against mechanical stress. The distinctive yellow/red color enhances visibility, making it a reliable choice for industrial settings requiring stringent safety measures.

Type	EMERGENCY
Mounting version	SURFACE MOUNTING

**TECHNICAL CHARACTERISTICS**

Rated current	32A
Poles	3/4P
Rated insulation voltage (Ui)	690VAC
Current (Ie) in AC22A (690V)	32A
Current (Ie) in AC23A (500V)	32A
Current (Ie) in AC3 (500V)	25A
Terminals - Flexible wires	10mm <sup>2</sup>
Terminals - Rigid wires	16mm <sup>2</sup>

**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	2xM32
Cable size	ø16-25mm
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	0,8Nm

**DIMENSIONAL CHARACTERISTICS**

Dimensions	160x160x90mm
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**DOWNLOAD**

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

Instruction manual  
Instruction manual

■ **OPTIONS & VARIOUS NOTES**

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Catalogue notes

Handle padlockable in OFF (3 padlocks) and ON (1 padlock) position

ATEX [ATmosphères EXplosibles]: for applications in potentially explosive atmospheres.

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