

**591.PEM2004**

**SWITCH DISCONNECTOR**  
**20A 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 20A and available in 3/4 poles. This device is engineered for surface mounting and 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 Group and Categories EX: II 2GD, adhering to ATEX standards for use in potentially explosive atmospheres. The switch disconnecter is enclosed and provides an impact resistance of 7J, enhancing its durability. The handle is padlockable in both the OFF (accommodating 3 padlocks) and ON (1 padlock) positions, offering secure operation. The distinctive yellow/red color scheme ensures high visibility, crucial for emergency situations. This product is an excellent choice for professionals seeking reliable and safe electrical isolation solutions in industrial settings.

Type	EMERGENCY
Mounting version	SURFACE MOUNTING

**TECHNICAL CHARACTERISTICS**

Rated current	20A
Poles	3/4P
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 <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	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**

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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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