

**591.PEM2504**

**SWITCH DISCONNECTOR**  
**25A 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 SWITCH DISCONNECTOR is engineered for demanding industrial environments, particularly where safety and reliability are paramount. This emergency switch disconnecter is rated for a current of 25A and is available in 3 or 4 poles configurations. It boasts a robust protection degree of IP66, ensuring resilience against dust and water ingress. Designed for surface mounting, it features a durable construction made from high-quality engineering plastic, with a distinctive yellow/red color scheme for visibility. The device is certified under Group and Categories EX: II 2GD, making it suitable for use in potentially explosive atmospheres, as per ATEX guidelines. The enclosed construction provides an impact resistance of 7J. Additionally, the handle is padlockable in both the OFF (accommodating 3 padlocks) and ON (1 padlock) positions, enhancing operational safety and security.

Type	EMERGENCY
Mounting version	SURFACE MOUNTING

**TECHNICAL CHARACTERISTICS**

Rated current	25A
Poles	3/4P
Rated insulation voltage (Ui)	690VAC
Current (Ie) in AC22A (690V)	25A
Current (Ie) in AC23A (500V)	25A
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	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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**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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