

591.SEM2004

SWITCH DISCONNECTOR
20A 3/4P IP66 141x200x126mm II
2GD EMERGENCY YELLOW/RED



* 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 disconnecter is engineered for emergency applications, offering robust performance with a rated current of 20A. Designed with flexibility, it accommodates 3/4 poles and is suitable for surface mounting. The device boasts a high protection degree of IP66, ensuring resilience against harsh environmental conditions. Constructed from premium stainless steel [AISI316L], it features a distinctive yellow/red color scheme for enhanced visibility. The unit is certified under Group and Categories EX: II 2GD, making it compliant with ATEX standards for use in potentially explosive atmospheres. The enclosed construction provides an impact resistance of 7J, ensuring durability. The handle is padlockable in both OFF (3 padlocks) and ON (1 padlock) positions, enhancing safety and security. An earth-stud is included for grounding purposes, ensuring reliable operation 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 ²
Terminals - Rigid wires	16mm ²

■ EX CHARACTERISTICS

Group and categories EX	II 2GD
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■ PHYSICAL CHARACTERISTICS

Construction type	Enclosed
Mounting version	SURFACE MOUNTING
Material	STAINLESS STEEL [AISI316L]
Protection degree IP	IP66
Colour	YELLOW/RED
Cable entry	2xM25
Cable size	ø10-14mm
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	141x200x126mm
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■ DOWNLOAD

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
	Earth-stud included
	ATEX [ATmosphères EXplosibles]: for applications in potentially explosive atmospheres.