

591.AEM6304

SWITCH DISCONNECTOR
63A 3/4P IP66 202x232x142mm II
2GD EMERGENCY YELLOW/RED



* Product image may be indicative



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)
 IEC 60079-31 (2013)
 EN 60079-7 (2015)
 EN 60947-3 (2009)
 EN 60079-31 (2014)
 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 those with potentially explosive atmospheres, as indicated by its ATEX certification (II 2GD). This emergency switch disconnecter is designed for surface mounting and is constructed from robust die-cast aluminium, ensuring durability and reliability. It features a rated current of 63A and is available in 3 or 4 poles. The device offers a high protection degree of IP66, safeguarding against dust and powerful water jets. The enclosure is impact-resistant up to 7J, enhancing its resilience in harsh conditions. The switch is equipped with a yellow/red handle that is padlockable in both the OFF (up to 3 padlocks) and ON (1 padlock) positions, providing secure operation control. This product is an essential component for maintaining safety and operational integrity in industrial settings.

Type	EMERGENCY
Mounting version	SURFACE MOUNTING

■ TECHNICAL CHARACTERISTICS

Rated current	63A
Poles	3/4P
Rated insulation voltage (Ui)	690VAC
Current (Ie) in AC22A (690V)	63A
Current (Ie) in AC23A (500V)	63A
Current (Ie) in AC23A (690V)	63A
Current (Ie) in AC3 (500V)	50A
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	DIE-CAST ALUMINIUM
Protection degree IP	IP66
Colour	YELLOW/RED
Cable entry	2xM50
Cable size	ø28-38,5mm
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	202x232x142mm
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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.
