

ISOLATORS-EX[GD] Series



SWITCHES DISCONNECTORS



The load-break switches/disconnectors in the ISOLATORS-EX[GD] Series (Ex db eb) with a switching and isolating function are built in compliance with the standard EN 60947-3.

Able to satisfy all installation needs, they are available in three versions in terms of the material used for the enclosures: thermosetting GRP (Glass-fibre Reinforced Polyester with carbon black), AISI 316L stainless steel and/or aluminium.

They have a category of use up to AC-3 and are available in different versions for general use (handle in black) or for emergency control (high-visibility handle in red/yellow).

VERSIONS



Switch disconnecter
Thermosetting enclosure



Switch disconnecter
Stainless steel enclosure



Switch disconnecter
Aluminium enclosure

REFERENCE STANDARDS

ATEX IECEx	IEC/EN 60079-0 Electrical apparatus for potentially explosive atmospheres. <i>Part 0: General requirements.</i>
ATEX IECEx	IEC/EN 60079-1 Electrical apparatus for potentially explosive atmospheres. <i>Part 1: equipment protection by flameproof enclosures "d".</i>
ATEX IECEx	IEC/EN 60079-7 Electrical apparatus for potentially explosive atmospheres. <i>Part 7: equipment protection by increased safety "e".</i>
ATEX IECEx	IEC/EN 60079-31 Electrical apparatus for potentially explosive atmospheres. <i>Part 31: Protection by enclosures "t".</i>
LVD	EN 60947-1 Low-voltage switchgear and controlgear. <i>Part 1: general requirements.</i>
LVD	EN 60947-3 Low-voltage switchgear and controlgear. <i>Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units.</i>

TECHNICAL CHARACTERISTICS

Polarity:	2P - 3/4P
Rated current:	20A-25A-32A-40A-63A
Protection degree:	IP66
Ambient temperature:	-50°C ≤ Ta ≤ +60°C
Material:	Thermosetting (GRP) Stainless steel AISI 316L Aluminium
Colour:	RAL 9006 (aluminium) Satin (stainless steel) RAL 9005 (thermosetting)
Use Category:	AC22A - AC23A - AC3

Ex CHARACTERISTICS

ATEX Category:	Ex II 2GD
Ex Protection type:	Ex de IIC T4/T5 Gb Ex tb IIIC T80°C Db
Surface temperature class DUST:	T80°C
Temperature class GAS:	T4, T5
ATEX Certificate:	INERIS 14 ATEX 0030X
IECEx Certificate:	IECEx INE 14.0040X
EAC Ex Certificate:	HAHIO ЦCBЭ № TC RU C-IT.AA87.B.00869