

504.12587**INTERLOCKED SOCKET**

125A 3P+N+E 6h 346-415V 50Hz
60Hz II 2GD 280X575MM Mantle
terminals With mechanical interlock



* Product image may be indicative



IEC 60079-0 (2017)
IEC 60079-31 (2013)
EN 60079-7 (2015)
EN IEC 60079-7/A1 (2018)
IEC 60079-7 (2017)
EN 60079-31 (2014)
EN 60079-1 (2014)
IEC 60079-1 (2014)
EN IEC 60309-1 (2022)
EN IEC 60309-2 (2022)
EN IEC 60309-4 (2022)
EN IEC 60079-0 (2018)

ATEX directive 2014/34/EU

GENERAL CHARACTERISTICS

Commercial Series ADVANCE-GRP[GD] Series

Synthetical description INTERLOCKED SOCKET

Description

The ADVANCE-GRP[GD] Series interlocked socket is designed for surface mounting in ATEX environments, suitable for use in potentially explosive atmospheres, specifically Group II 2GD for gas and dust environments. This socket operates at a rated voltage of 346-415V and a current of 125A, with a 3P+N+E configuration and a 6h hour position. It supports both 50Hz and 60Hz working frequencies. Constructed from GRP (Glass Reinforced Polyester), it ensures high durability with an impact resistance of 7J and a protection degree of IP66, providing robust defense against dust and water ingress. The inclusion of a mechanical interlock enhances safety by preventing accidental disconnection under load. All versions come with an Ex cable gland and drilled-hole, with options for customized cable input configurations available for the entire ADVANCE-GRP[GD] socket series. This product is engineered to meet rigorous industrial standards, ensuring reliable and safe operation in demanding conditions.

Mounting version SURFACE MOUNTING

TECHNICAL CHARACTERISTICS

Rated current 125A

Poles 3P+N+E

Hour position 6h

Rated voltage 346-415V

Working frequency 50Hz

60Hz

Terminals Mantle terminals

EX CHARACTERISTICS

Group and categories EX II 2GD

PHYSICAL CHARACTERISTICS

Mounting version SURFACE MOUNTING

Colour BLACK

Material GRP Glass Reinforced Polyester

Protection degree Splash proof

Protection degree IP IP66

Impact resistance 7J

Contact material CuZn (brass)

Cable entry 1xM50

Working temperature -35°C/+40°C

GLOW WIRE GW 960°C

Self-extinguishing UL94 V0

Ambient temperature Ta min -35 °C

Ambient temperature Ta max 40 °C

Padlock ø6,3mm

DIMENSIONAL CHARACTERISTICS

Flange 280X575MM

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Technical drawing [PDF]

Technical drawing [STP]

Technical drawing [DWG]

Instruction manual

Instruction manual
Instruction manual

■ OPTIONS & VARIOUS NOTES

Options	With mechanical interlock
Catalogue notes	ATEX [ATmosphères EXplosibles]: for applications in potentially explosive atmospheres.
	You can request the customised configuration of the cable input for the entire series of the ADVANCE-GRP[GD] socket.
	All versions include Ex cable gland and drilled-hole.