

503.1687**INTERLOCKED SOCKET**

16A 3P+N+E 6h 346-415V 50Hz 60Hz
II 2D 130X260MM_PAR Mantle
terminals With mechanical interlock



* Product image may be indicative



EN 60079-31 (2014)

EN IEC 60309-1 (2022)

EN IEC 60309-2 (2022)

EN IEC 60309-4 (2022)

EN IEC 60079-0 (2018)

Low voltage direct. 2014/35/EU

EMC directive 2014/30/EU

ATEX directive 2014/34/EU

GENERAL CHARACTERISTICS

Commercial Series ADVANCE-GRP[EX] Series

Synthetical description INTERLOCKED SOCKET

Description

The ADVANCE-GRP[EX] Series interlocked socket is engineered for surface mounting applications, specifically designed for ATEX utilization in potentially explosive atmospheres, classified under Group II 2D for dust environments. This socket is configured with 3P+N+E poles, operating at a rated voltage of 346-415V and a current of 16A. It supports both 50Hz and 60Hz working frequencies and features a 6h hour position. Constructed from GRP (Glass Reinforced Polyester), it offers robust durability with an impact resistance of 7J and a protection degree of IP66, ensuring comprehensive protection against dust and water ingress. The inclusion of a mechanical interlock enhances operational safety by preventing accidental disconnection under load. This product is meticulously crafted to adhere to stringent industrial standards, ensuring reliable and safe performance in demanding conditions.

Mounting version SURFACE MOUNTING

TECHNICAL CHARACTERISTICS

Rated current 16A

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 2D

Dust protection Ex tb IIIC T90°C Db IP66

PHYSICAL CHARACTERISTICS

Mounting version SURFACE MOUNTING

Colour RED

Material GRP Glass Reinforced Polyester

Protection degree Splash proof

Protection degree IP IP66

Protection degree IK IK11(-40°C)

Impact resistance 7J

Contact material CuZn (brass)

Working temperature -25°C/+60°C

GLOW WIRE GW 960°C

Self-extinguishing UL94 V0

Ambient temperature Ta min -25 °C

Ambient temperature Ta max 60 °C

Padlock ø5mm

DIMENSIONAL CHARACTERISTICS

Flange 130X260MM_PAR

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Technical drawing [PDF]

Technical drawing [STP]

Technical drawing [DWG]

Instruction manual

Instruction manual

■ **OPTIONS & VARIOUS NOTES**

Options	With mechanical interlock
Catalogue notes	ATEX [ATmosphères EXplosibles]: for applications in potentially explosive atmospheres.
