504.1670

INTERLOCKED SOCKET
16A 2P+E 4h 100-130V 50Hz 60Hz II 2GD 130X260MM_PAR Mantle terminals With mechanical interlock

* Product image may be indicative

EN 60079-31 (2014)
IEC 60079-31 (2013)
EN 60079-1 (2014)
EN 60079-7 (2015)
IEC 60079-1 (2014)
IEC 60079-0 (2017)
IEC 60079-7 (2017)
EN IEC 60079-7/A1 (2018)
EN IEC 60309-1:2022
EN IEC 60309-2:2022
IEC 60884-1 (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 engineered for surface mounting applications, designed for ATEX utilization, and is suitable for use in potentially explosive atmospheres, specifically Group II 2GD for gas and dust environments. This interlocked socket operates at a rated voltage of 100-130V and a current of 16A, with a 2P+E configuration and a 4h 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, safeguarding against dust and water ingress. The inclusion of a mechanical interlock enhances safety by preventing accidental disconnection under load. All versions include an Ex cable gland and drilled-hole, with options for customized cable input configurations available for the entire ADVANCE-GRP[GD] series. This product is meticulously designed to meet stringent industrial standards, ensuring reliable and safe operation in challenging conditions.

Mounting version	SURFACE MOUNTING

TECHNICAL CHARACTERISTICS

Rated current	16A
Poles	2P+E
Hour position	4h
Rated voltage	100-130V
Working frequency	50Hz
	60Hz
Terminals	Mantle terminals

EX CHARACTERISTICS

Group and categories EX	II 2GD

PHYSICAL CHARACTERISTICS

Mounting version	SURFACE MOUNTING
Colour	YELLOW
Material	GRP Glass Reinforced Polyester
Protection degree	Splash proof
Protection degree IP	IP66
Impact resistance	7J
Contact material	CuZn (brass)
Cable entry	1xM25
Working temperature	-35°C/+60°C
GLOW WIRE	GW 960°C
Self-extinguishing UL94	V0
Ambient temperature Ta min	-35 °C
Ambient temperature Ta max	60 °C
Padlock	ø5mm

DIMENSIONAL CHARACTERISTICS

Flange	130X260MM_PAR

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Technical drawing [PDF]
Technical drawing [DWG]
Technical drawing [STP]
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.