504.1687

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

* Product image may be indicative

EN 60309-1 (1999)
EN 60309-2 (1999)
EN 60309-1/A1 (2007)
EN 60309-1/A2 (2012)
EN 60309-2/A1 (2007)
EN 60309-2/A2 (2012)
EN 60079-0 (2018)
IEC 60079-0 (2017)
IEC 60079-31 (2013)
EN 60079-7 (2015)
EN 60309-4 (2007)
EN 60309-4/A1 (2012)
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	ADVANCE-GRP[GD] Series
Synthetical description	INTERLOCKED SOCKET
Description	

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

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 2GD

PHYSICAL CHARACTERISTICS

Mounting version	SURFACE MOUNTING
Colour	RED
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.