

**504.1686****INTERLOCKED SOCKET**

16A 3P+E 6h 380-415V 50Hz 60Hz II  
2GD 130X260MM\_PAR 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 380-415V and a current of 16A, with a 3P+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 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 engineered to meet rigorous industrial standards, ensuring reliable and safe operation in demanding conditions.

Mounting version SURFACE MOUNTING

**TECHNICAL CHARACTERISTICS**

|                   |                  |
|-------------------|------------------|
| Rated current     | 16A              |
| Poles             | 3P+E             |
| Hour position     | 6h               |
| Rated voltage     | 380-415V         |
| 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

**DOWNLOAD**

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.                                                                |