



504.1670-A

INTERLOCKED SOCKET

16A 2P+E 4h 100-130V 50Hz 60Hz II 2GD
130X260MM_PAR Screw terminals With
mechanical interlock Low temperature [-50°C]

Product Approvals

| TECHDATA | | STANDARDS AND LAWS | |
|-------------------------|--------------------------------|-----------------------|---|
| Type of product | INTERLOCKED SOCKET | EN 60309-1 (1999) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements |
| Commercial series | ADVANCE-GRP[GD] Series | EN 60309-2 (1999) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories of harmonized configurations |
| Synthetical description | INTERLOCKED SOCKET | | |
| Mounting version | SURFACE MOUNTING | | |
| Rated current | 16A | EN 60309-1/A1 (2007) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements |
| Poles | 2P+E | EN 60309-2/A1 (2007) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories of harmonized configurations |
| Hour position | 4h | | |
| Rated voltage (range) | 50-200V | EN 60079-7 (2007) | [European Standard] Explosive atmospheres. Equipment protection by increased safety "e" |
| Rated voltage | 100-130V | | |
| Working frequency | 50Hz | EN 60309-4 (2007) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Switched socket-outlets and connectors, with or without interlock |
| Working frequency | 60Hz | | |
| Colour | YELLOW | IEC 60079-7 (2006-07) | [International Standard] Explosive atmospheres - Part 7: Equipment protection by increased safety "e". |
| Material | GRP Glass Reinforced Polyester | EN 60079-1 (2007) | [European Standard] Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures "d" |
| Protection degree | Splash proof | EN 60309-1/A2 (2012) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements |
| Protection degree IP | IP66 | | |
| Protection degree IK | IK10 | EN 60309-2/A2 (2012) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories of harmonized configurations |
| Terminals | Screw terminals | | |
| Contact material | CuZn (brass) | IEC 60309-1 (2012) | [International Standard] Plugs, socket-outlets and couplers for industrial |

| | | | |
|----------------------------|---------------------------|---------------------------|--|
| Flange | 130X260MM_PAR | | purposes. - Part 1: General requirements |
| Cable entry | 1xM25 | IEC 60309-2 (2012) | [International Standard] Plugs, socket-outlets and couplers for industrial purposes. - Part: 2: Dimensional interchangeability requirements for pin and contact-tube accessories |
| Working temperature | -40°C/+60°C | | |
| GLOW WIRE | GW 960°C | EN 60309-4/A1 (2012) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. - Switched socket-outlets and connectors, with or without interlock |
| Self-extinguishing UL94 | V0 | | |
| Group and categories EX | II 2GD | IEC 60309-4 (2012) | [International Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 4: Switched socket-outlets and connectors with or without interlock |
| Ambient temperature Ta min | -50 °C | | |
| Ambient temperature Ta max | 60 °C | EN 60079-0 (2012) | [European Standard] Explosive atmospheres. General requirements. |
| Options | Low temperature [-50°C] | IEC 60079-0 (2011) | [International Standard] Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements. |
| Options | With mechanical interlock | IEC 60079-1 (2007-04) | [International Standard] Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d". |
| Padlock | ø5mm | EN 60079-31 (2014) | [European Standard] Explosive atmospheres. Equipment dust ignition protection by enclosure "t" |
| | | IEC 60079-31 (2013) | [International Standard] Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t" |
| | | DIRECTIVE ATEX 2014/34/UE | [European Directives] Atmosphere Explosive |