



# 504.125872.RU

## INTERLOCKED SOCKET

125A 3P+N+E 2h >50V >300-500Hz II 2GD  
Screw terminals With mechanical interlock EAC  
[Eurasian Conformity]

Product Approvals

| TECHDATA                |                                | STANDARDS AND LAWS    |   |
|-------------------------|--------------------------------|-----------------------|---|
| Commercial series       | ADVANCE-GRP[GD] Series         | EN 60309-1 (1999)     | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements  |
| Type of product         | INTERLOCKED SOCKET             | 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           | 125A                           | EN 60309-1/A1 (2007)  | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements  |
| Poles                   | 3P+N+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           | 2h                             |                       |   |
| Rated voltage (range)   | 50-200V                        | EN 60079-7 (2007)     | [European Standard] Explosive atmospheres. Equipment protection by increased safety "e"   |
| Rated voltage           | >50V                           |                       |   |
| Working frequency       | >300-500Hz                     | EN 60309-4 (2007)     | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Switched socket-outlets and connectors, with or without interlock   |
| Colour                  | BLACK                          |                       |   |
| Material                | GRP Glass Reinforced Polyester | IEC 60079-7 (2006-07) | [International Standard] Explosive atmospheres - Part 7: Equipment protection by increased safety "e".  |
| Protection degree       | Splash proof                   | EN 60079-1 (2007)     | [European Standard] Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures "d"  |
| Protection degree IP    | IP66                           | EN 60309-1/A2 (2012)  | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements  |
| Protection degree IK    | IK10                           |                       |   |
| Terminals               | Screw terminals                | 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 |
| Contact material        | CuZn (brass)                   |                       |   |
| Cable entry             | 1xM50                          | IEC 60309-1 (2012)    | [International Standard] Plugs, socket-outlets and couplers for industrial  |

|                            |                           |                           |  |
|----------------------------|---------------------------|---------------------------|--|
| Working temperature        | -40°C/+60°C               |                           | purposes. - Part 1: General requirements   |
| GLOW WIRE                  | GW 960°C                  | 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 |
| Self-extinguishing UL94    | V0                        |                           |  |
| Group and categories EX    | II 2GD                    | EN 60309-4/A1 (2012)      | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. - Switched socket-outlets and connectors, with or without interlock                              |
| Ambient temperature Ta min | -35 °C                    |                           |  |
| Ambient temperature Ta max | 60 °C                     | 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                    |
| Options                    | With mechanical interlock |                           |  |
| Options                    | EAC [Eurasian Conformity] | EN 60079-0 (2012)         | [European Standard] Explosive atmospheres. General requirements.   |
| Padlock                    | ø6,3mm                    | IEC 60079-0 (2011)        | [International Standard] Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements.  |
|                            |                           | IEC 60079-1 (2007-04)     | [International Standard] Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d".  |
|                            |                           | 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   |