



## 504.1679-A

### INTERLOCKED SOCKET

16A 3P+N+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   |   |
|-------------------------|--------------------------------|----------------------|---|
| Product type            | 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                   | 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           | 4h                             |                      |   |
| Rated voltage (range)   | 50-200V                        | EN 60309-4 (2007)    | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Switched socket-outlets and connectors, with or without interlock   |
| Rated voltage           | 100-130V                       |                      |   |
| Working frequency       | 50Hz                           | EN 60309-1/A2 (2012) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. - Part 1: General requirements  |
| Working frequency       | 60Hz                           | 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 |
| Colour                  | YELLOW                         |                      |   |
| Material                | GRP Glass Reinforced Polyester |                      |   |
| Protection degree       | Splash proof                   | EN 60309-4/A1 (2012) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. - Switched socket-outlets and connectors, with or without interlock   |
| Protection degree IP    | IP66                           | EN 60079-31 (2014)   | [European Standard] Explosive atmospheres. Equipment dust ignition protection by enclosure "t"  |
| Protection degree IK    | IK10                           |                      |   |
| Terminals               | Screw terminals                | IEC 60079-31 (2013)  | [International Standard] Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"   |
| Contact material        | CuZn (brass)                   | EN 60079-1 (2014)    | [European Standard] Electrical apparatus  |

|                            |                           |                           |   |
|----------------------------|---------------------------|---------------------------|---|
| Flange                     | 130X260MM_PAR             |                           | for explosive gas atmospheres - Part 1: Flameproof enclosures 'd'   |
| Cable entry                | 1xM25                     | EN 60079-7 (2015)         | [European Standard] Explosive atmospheres. Equipment protection by increased safety "e"                     |
| Working temperature        | -40°C/+60°C               | IEC 60079-1 (2014)        | [International Standard] Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d". |
| GLOW WIRE                  | GW 960°C                  |                           |   |
| Self-extinguishing UL94    | V0                        | IEC 60079-0 (2017)        | [International Standard] Explosive atmospheres - Part 0: Equipment - General requirements                   |
| Group and categories EX    | II 2GD                    | IEC 60079-7 (2017)        | [International Standard] Explosive atmospheres - Part 7: Equipment protection by increased safety "e".      |
| Ambient temperature Ta min | -50 °C                    |                           |   |
| Ambient temperature Ta max | 60 °C                     | EN 60079-7 (2018)         | [European Standard] Explosive atmospheres. - Part 7: Equipment protection by increased safety "e"           |
| Options                    | Low temperature [-50°C]   | EN 60079-0 (2018)         | [European Standard] Explosive atmospheres. General requirements.  |
| Options                    | With mechanical interlock | DIRECTIVE ATEX 2014/34/UE | [European Directives] Atmosphere Explosive  |
| Padlock                    | ø5mm                      |                           |   |