



# 219.32332

## PLUG

32A 2P+E 2h >50V >300-500Hz II 2GD Screw terminals Low temperature [-50°C]

Product Approvals

| TECHDATA                   |                      | STANDARDS AND LAWS   |   |
|----------------------------|----------------------|----------------------|---|
| Commercial series          | OPTIMA-EX[GD] Series | EN 60309-1 (1999)    | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements  |
| Product type               | PLUG                 | 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    | PLUG                 |                      |   |
| Mounting version           | PORTABLE             |                      |   |
| Rated current              | 32A                  | 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              | 2h                   |                      |   |
| 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              | >50V                 |                      |   |
| Working frequency          | >300-500Hz           | EN 60309-1/A2 (2012) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. - Part 1: General requirements  |
| Colour                     | RED                  | 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 |
| Material                   | THERMOPLASTIC        |                      |   |
| Protection degree          | Splash proof         |                      |   |
| Protection degree IP       | IP66                 | EN 60309-4/A1 (2012) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. - Switched socket-outlets and connectors, with or without interlock   |
| Types of available outlets | STRAIGHT             |                      |   |
| Terminals                  | Screw terminals      | EN 60079-31 (2014)   | [European Standard] Explosive atmospheres. Equipment dust ignition protection by enclosure "t"  |
| Contact material           | CuZn (brass)         | IEC 60079-31 (2013)  | [International Standard] Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"   |
| Surface treatment contacts | Nickel-plated        | EN 60079-1 (2014)    | [European Standard] Electrical apparatus  |

|                            |                         |                           |   |
|----------------------------|-------------------------|---------------------------|---|
| Cable entry                | CABLE GLAND             |                           | for explosive gas atmospheres - Part 1: Flameproof enclosures 'd'   |
| Group and categories EX    | II 2GD                  | EN 60079-7 (2015)         | [European Standard] Explosive atmospheres. Equipment protection by increased safety "e"                     |
| Ambient temperature Ta min | -50 °C                  | IEC 60079-1 (2014)        | [International Standard] Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d". |
| Ambient temperature Ta max | 60 °C                   | IEC 60079-0 (2017)        | [International Standard] Explosive atmospheres - Part 0: Equipment - General requirements                   |
| Options                    | Low temperature [-50°C] | IEC 60079-7 (2017)        | [International Standard] Explosive atmospheres. - Part 7: Equipment protection by increased safety "e".     |
|                            |                         | EN 60079-7 (2018)         | [European Standard] Explosive atmospheres. - Part 7: Equipment protection by increased safety "e"           |
|                            |                         | EN 60079-0 (2018)         | [European Standard] Explosive atmospheres. General requirements.  |
|                            |                         | DIRECTIVE ATEX 2014/34/UE | [European Directives] Atmosphere Explosive  |