

Product Technical Sheet

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219.16365

PLUG

16A 3P+E 11h 440-460V 60Hz 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 |
| Type of product | 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 | 16A | EN 60309-1/A1 (2007) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements |
| Poles | 3P+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 | 11h | | |
| Rated voltage (range) | 400-up | EN 60309-1/A2 (2012) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements |
| Rated voltage | 440-460V | | |
| 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 | RED | | |
| Material | THERMOPLASTIC | EN 60079-0 (2012) | [European Standard] Explosive atmospheres. General requirements. |
| Protection degree | Splash proof | IEC 60079-0 (2011) | [International Standard] Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements. |
| Protection degree IP | IP66 | EN 60079-31 (2014) | [European Standard] Explosive atmospheres. Equipment dust ignition protection by enclosure "t" |
| Types of available outlets | STRAIGHT | | |
| 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 60079-0/A11 (2013) | [European Standard] Explosive atmospheres. General requirements. |
| Surface treatment contacts | Nickel-plated | EN 60079-1 (2014) | [European Standard] Electrical apparatus for explosive gas atmospheres - Part 1: |

| | | | |
|----------------------------|-------------------------|---------------------------|---|
| Cable entry | CABLE GLAND | | 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 60079-7 (2015) | [International Standard] Explosive atmospheres - Part 7: Equipment protection by increased safety "e". |
| Options | Low temperature [-50°C] | | |
| | | DIRECTIVE ATEX 2014/34/UE | [European Directives] Atmosphere Explosive |