



219.32377

PLUG

32A 3P+N+E 5h 600-690V 50Hz 60Hz II 2GD
Screw terminals Low temperature [-50°C]

Product Approvals

| TECHDATA | | STANDARDS AND LAWS | |
|----------------------------|----------------------|----------------------|---|
| Product type | PLUG | EN 60309-1 (1999) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements |
| Commercial series | OPTIMA-EX[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 | 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 | 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 | 5h | | |
| Rated voltage (range) | 400V-up | 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 | 600-690V | | |
| Working frequency | 60Hz | EN 60309-1/A2 (2012) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. - Part 1: General requirements |
| Working frequency | 50Hz | 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 | | |
| 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 | | |
| Types of available outlets | STRAIGHT | EN 60079-31 (2014) | [European Standard] Explosive atmospheres. Equipment dust ignition protection by enclosure "t" |
| 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 |

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