

# 219.125366

## PLUG

125A 3P+E 7h 480-500V 50Hz 60Hz II 2GD  
Screw terminals



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              | 125A                 | 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              | 7h                   |                       |   |
| 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              | 480-500V             |                       |   |
| 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 |
| Working frequency          | 50Hz                 |                       |   |
| Colour                     | BLACK                | EN 60079-0 (2012)     | [European Standard] Explosive atmospheres. General requirements.  |
| Material                   | THERMOPLASTIC        | IEC 60079-0 (2011)    | [International Standard] Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements.   |
| Protection degree          | Splash proof         | EN 60079-31 (2014)    | [European Standard] Explosive atmospheres. Equipment dust ignition protection by enclosure "t"  |
| Protection degree IP       | IP66                 |                       |   |
| Types of available outlets | STRAIGHT             | IEC 60079-31 (2013)   | [International Standard] Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"   |
| Terminals                  | Screw terminals      | EN 60079-0/A11 (2013) | [European Standard] Explosive atmospheres. General requirements.  |
| Contact material           | CuZn (brass)         | EN 60079-1 (2014)     | [European Standard] Electrical apparatus for explosive gas atmospheres - Part 1:  |

|                            |               |                           |   |
|----------------------------|---------------|---------------------------|---|
| Surface treatment contacts | Nickel-plated |                           | 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 | -35 °C        | IEC 60079-7 (2015)        | [International Standard] Explosive atmospheres - Part 7: Equipment protection by increased safety "e".      |
| Ambient temperature Ta max | 60 °C         |                           |   |
|                            |               | DIRECTIVE ATEX 2014/34/UE | [European Directives] Atmosphere Explosive  |