

**219.1637**

**PLUG**  
**16A 3P+N+E 6h 346-415V 60Hz 50Hz**  
**II 2GD Mantle terminals Low**  
**temperature [-50°C]**



\* Product image may be indicative



EN 60309-1 (1999)  
 EN 60309-2 (1999)  
 EN 60309-1/A1 (2007)  
 EN 60309-1/A2 (2012)  
 EN 60309-2/A1 (2007)  
 EN 60309-2/A2 (2012)  
 EN 60079-0 (2018)  
 IEC 60079-0 (2017)  
 IEC 60079-31 (2013)  
 EN 60079-7 (2015)  
 EN 60309-4 (2007)  
 EN 60309-4/A1 (2012)  
 EN 60079-31 (2014)  
 EN IEC 60079-7/A1 (2018)  
 IEC 60079-7 (2017)  
 EN 60079-1 (2014)  
 IEC 60079-1 (2014)  
 ATEX directive 2014/34/EU

## ■ GENERAL CHARACTERISTICS

Commercial Series OPTIMA-EX[GD] Series

Synthetical description PLUG

Description

The OPTIMA-EX[GD] Series plug is designed for environments classified under Group II 2GD, accommodating both gas and dust atmospheres. It operates at a rated voltage of 346-415V and a current of 16A, with a configuration of 3P+N+E and a 6h hour position. Suitable for frequencies of 50Hz and 60Hz, it features an IP66 protection degree and an impact resistance of 7J. Equipped with mantle terminals and available in a straight outlet type, this plug is ATEX certified for potentially explosive atmospheres. It includes a low temperature option, capable of withstanding conditions as low as -50°C.

Mounting version PORTABLE

## ■ TECHNICAL CHARACTERISTICS

Rated current 16A

Poles 3P+N+E

Hour position 6h

Rated voltage 346-415V

Working frequency 60Hz

50Hz

Terminals Mantle terminals

## ■ EX CHARACTERISTICS

Group and categories EX II 2GD

## ■ PHYSICAL CHARACTERISTICS

Mounting version PORTABLE

Colour RED

Material THERMOPLASTIC

Protection degree Splash proof

Protection degree IP IP66

Impact resistance 7J

Types of available outlets STRAIGHT

Contact material CuZn (brass)

Surface treatment contacts Nickel-plated

Cable entry CABLE GLAND

Ambient temperature Ta min -50 °C

Ambient temperature Ta max 60 °C

## ■ DOWNLOAD

[Technical drawing \[PDF\]](#)

[Technical drawing \[DWG\]](#)

[Technical drawing \[STP\]](#)

[Instruction manual](#)

[Instruction manual](#)

[Instruction manual](#)

## ■ OPTIONS & VARIOUS NOTES

Options Low temperature [-50°C]

Catalogue notes ATEX [ATmosphères EXplosibles]: for applications in potentially explosive atmospheres.