

219.1637

PLUG

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



Product Approvals



INERIS Atex
Institut National de l'Environnement
Industriel et des Risques



INERIS IECEX
Institut National de l'Environnement
Industriel et des Risques



EAC
Eurasian Conformity



Notifica ATEX
Product quality assurance notification



Notifica ATEX
Product quality assurance notification



UE
Declaration of conformity

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+N+E		
Hour position	6h	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
Rated voltage (range)	250-400V		
Rated voltage	346-415V		
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		
Protection degree	Splash proof		
Protection degree IP	IP66	EN 60079-0 (2012)	[European Standard] Explosive atmospheres. General requirements.

Types of available outlets	STRAIGHT	IEC 60079-0:2011	[International Standard] Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements.
Cable outlet	CABLE GLAND		
Group and categories EX	II 2GD	EN 60079-31 (2014)	[European Standard] Explosive atmospheres. Equipment dust ignition protection by enclosure "t"
Ambient temperature Ta min	-50 °C	IEC 60079-31 (2013)	[International Standard] Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Ambient temperature Ta max	60 °C		
Options	Low temperature [-50°C]	EN 60079-0/A11 (2013)	[European Standard] Explosive atmospheres. General requirements.
		EN 60079-1 (2014)	[European Standard] Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures 'd'
		EN 60079-7 (2015)	[European Standard] Explosive atmospheres. Equipment protection by increased safety "e"
		IEC 60079-1(2014)	[International Standard] Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d".
		IEC 60079-7(2015)	[International Standard] Explosive atmospheres - Part 7: Equipment protection by increased safety "e".
		DIRECTIVE ATEX 2014/34/UE	[European Directives] Atmosphere Explosive