

Product Technical Sheet

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PLUG

32A 3P+E 5h 600-690V 50Hz 60Hz II 2GD
Screw terminals EAC [Eurasian Conformity] 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	32A	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	5h		
Rated voltage (range)	400-up	EN 60079-7 (2007)	[European Standard] Explosive atmospheres. Equipment protection by increased safety "e"
Rated voltage	600-690V		
Working frequency	50Hz	IEC 60079-7 (2006-07)	[International Standard] Explosive atmospheres - Part 7: Equipment protection by increased safety "e".
Working frequency	60Hz	EN 60079-1 (2007)	[European Standard] Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures "d"
Colour	RED		
Material	THERMOPLASTIC	EN 60309-1/A2 (2012)	[European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements
Protection degree	Splash proof	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
Protection degree IP	IP66		
Types of available outlets	STRAIGHT	EN 60079-0 (2012)	[European Standard] Explosive atmospheres. General requirements.
Terminals	Screw terminals	IEC 60079-0 (2011)	[International Standard] Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements.
Contact material	CuZn (brass)	IEC 60079-1 (2007-	[International Standard] Explosive

Surface treatment contacts	Nickel-plated	04)	atmospheres - Part 1: Equipment protection by flameproof enclosures "d".
Cable entry	CABLE GLAND	EN 60079-31 (2014)	[European Standard] Explosive atmospheres. Equipment dust ignition protection by enclosure "t"
Group and categories EX	II 2GD	IEC 60079-31 (2013)	[International Standard] Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Ambient temperature Ta min	-50 °C		
Ambient temperature Ta max	60 °C	EN 60079-0/A11 (2013)	[European Standard] Explosive atmospheres. General requirements.
Options	Low temperature [-50°C]	DIRECTIVE ATEX 2014/34/UE	[European Directives] Atmosphere Explosive
Options	EAC [Eurasian Conformity]		