



504.16832-A

INTERLOCKED SOCKET

16A 2P+E 2h >50V >300-500Hz II 2GD
130X260MM_PAR Screw terminals With
mechanical interlock Low temperature [-50°C]

Product Approvals

TECHDATA		STANDARDS AND LAWS	
Type of product	INTERLOCKED SOCKET	EN 60309-1 (1999)	[European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements
Commercial series	ADVANCE-GRP[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	INTERLOCKED SOCKET		
Mounting version	SURFACE MOUNTING		
Rated current	16A	EN 60309-1/A1 (2007)	[European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements
Poles	2P+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	2h		
Rated voltage (range)	50-200V	EN 60079-7 (2007)	[European Standard] Explosive atmospheres. Equipment protection by increased safety "e"
Rated voltage	>50V		
Working frequency	>300-500Hz	EN 60309-4 (2007)	[European Standard] Plugs, socket-outlets and couplers for industrial purposes. Switched socket-outlets and connectors, with or without interlock
Colour	RED		
Material	GRP Glass Reinforced Polyester	IEC 60079-7 (2006-07)	[International Standard] Explosive atmospheres - Part 7: Equipment protection by increased safety "e".
Protection degree	Splash proof	EN 60079-1 (2007)	[European Standard] Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosures "d"
Protection degree IP	IP66	EN 60309-1/A2 (2012)	[European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements
Protection degree IK	IK10		
Terminals	Screw terminals	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
Contact material	CuZn (brass)		
Flange	130X260MM_PAR	IEC 60309-1 (2012)	[International Standard] Plugs, socket-outlets and couplers for industrial

Cable entry	1xM25		IEC 60309-2 (2012)	purposes. - Part 1: General requirements [International Standard] Plugs, socket-outlets and couplers for industrial purposes. - Part: 2: Dimensional interchangeability requirements for pin and contact-tube accessories
Working temperature	-40°C/+60°C			
GLOW WIRE	GW 960°C			
Self-extinguishing UL94	V0		EN 60309-4/A1 (2012)	[European Standard] Plugs, socket-outlets and couplers for industrial purposes. - Switched socket-outlets and connectors, with or without interlock
Group and categories EX	II 2GD			
Ambient temperature Ta min	-50 °C		IEC 60309-4 (2012)	[International Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 4: Switched socket-outlets and connectors with or without interlock
Ambient temperature Ta max	60 °C			
Options	Low temperature [-50°C]		EN 60079-0 (2012)	[European Standard] Explosive atmospheres. General requirements.
Options	With mechanical interlock		IEC 60079-0 (2011)	[International Standard] Electrical Apparatus for Explosive Gas Atmospheres - Part 0: General Requirements.
Padlock	ø5mm		IEC 60079-1 (2007-04)	[International Standard] Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d".
			EN 60079-31 (2014)	[European Standard] Explosive atmospheres. Equipment dust ignition protection by enclosure "t"
			IEC 60079-31 (2013)	[International Standard] Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
			DIRECTIVE ATEX 2014/34/UE	[European Directives] Atmosphere Explosive