



503.2416-F

INTERLOCKED SOCKET

16A 2P 24V II 3D Screw terminals With electrical interlock

Product Approvals

TECHDATA		STANDARDS AND LAWS	
Commercial series	ADVANCE-GRP[<50V] Series	EN 60309-1 (1999)	[European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements
Type of product	INTERLOCKED SOCKET	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		
Rated current	16A	EN 60309-1/A1 (2007)	[European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements
Poles	2P	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)	0-50V		
Rated voltage	24V		
Colour	VIOLET	EN 61558-1 (1997)	[European Standard] Safety of power transformers, power supply units and similar. General requirements and tests
Material	GRP Glass Reinforced Polyester	EN 61558-1/A1 (1998)	[European Standard] Safety of power transformers, power supply units and similar. General requirements and tests
Protection degree	Splash proof	EN 61558-1/A11 (2003)	[European Standard] Safety of power transformers, power supply units and similar. General requirements and tests
Protection degree IP	IP66		
Protection degree IK	IK10	EN 61558-2-6 (1997)	[European Standard] Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating saf[...].
Terminals	Screw terminals		
Contact material	CuZn (brass)		
Working temperature	-40°C/+60°C	EN 60309-1/A2 (2012)	[European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements
GLOW WIRE	GW 960°C	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
Self-extinguishing UL94	V0		
Group and categories EX	II 3D		

Dust protection	Ex tc IIIC T90°C Dc IP66	EN 60079-0 (2012)	[European Standard] Explosive atmospheres. General requirements.
Ambient temperature Ta min	-25 °C	EN 60079-31 (2014)	[European Standard] Explosive atmospheres. Equipment dust ignition protection by enclosure "t"
Ambient temperature Ta max	60 °C	EN 60079-0/A11 (2013)	[European Standard] Explosive atmospheres. General requirements.
Options	With electrical interlock	DIRECTIVE LOW VOLTAGE 2014/35 /UE	[European Directives] Low Voltage Directive
Notes	CON TRASFORMATORE 120VA	DIRECTIVE EMC 2014/30/UE	[European Directives] Electromagnetic Compatibility Directive
		DIRECTIVE ATEX 2014/34/UE	[European Directives] Atmosphere Explosive