

## Product Technical Sheet

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# 899.AL5CE418S-16 CONNECTOR

500A 3P+N+E 1000V Crimp terminals



Product Approvals

TECHDATA		STANDARDS AND LAWS	
Type of product	CONNECTOR	EN 60309-1 (1999)	[European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements
Commercial series	OPTIMA-METAL 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	CONNECTOR		
Mounting version	PORTABLE		
Rated current	500A	EN 60309-1/A1 (2007)	[European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements
Poles	3P+N+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
Rated voltage (range)	400-up		
Rated voltage	1000V	EN 60309-1/A2 (2012)	[European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements
Material	DIE-CAST ALUMINIUM	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	Watertight		
Protection degree IP	IP67		
Protection degree IK	IK10	DIRECTIVE LOW VOLTAGE 2014/35 /UE	[European Directives] Low Voltage Directive
Terminals	Crimp terminals		
Contact material	CuZn (brass)		
Surface treatment contacts	Silver-plated		
Cable section	185 mm <sup>2</sup>		