

Product Technical Sheet

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899.AL2PR435V PLUG

160A 3P+N+E 1.000V Screw terminals



Product Approvals

| TECHDATA | | STANDARDS AND LAWS | |
|----------------------------|----------------------|-----------------------------------|---|
| Commercial series | OPTIMA-METAL Series | EN 60309-1 (1999) | [European Standard] Plugs, socket-outlets and couplers for industrial purposes. Part 1: General requirements |
| Product type | 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 | 160A | 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) | 400V-up | | |
| Rated voltage | 1.000V | 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 | Screw terminals | | |
| Contact material | CuZn (brass) | | |
| Surface treatment contacts | Silver-plated | | |
| Cable section | 16-35mm ² | | |