

# Product Technical Sheet

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## 899.AS5CE415-16 CONNECTOR

420A 3P+N+E 1.000V Crimp terminals

Product Approvals

| TECHDATA                   |                     | STANDARDS AND LAWS                |   |
|----------------------------|---------------------|-----------------------------------|---|
| Product type               | 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              | 420A                | 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                  | Crimp terminals     |                                   |   |
| Contact material           | CuZn (brass)        |                                   |   |
| Surface treatment contacts | Silver-plated       |                                   |   |
| Cable section              | 150mm <sup>2</sup>  |                                   |   |