

# AO523



AO523:S500,Analog Output Mod.16AO,U/I

## General Information

|                       |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Extended Product Type | AO523                                                           |
| Product ID            | 1SAP250200R0001                                                 |
| ABB Type Designation  | AO523                                                           |
| EAN                   | 4016779655965                                                   |
| Catalog Description   | AO523:S500,Analog Output Mod.16AO,U/I                           |
| Long Description      | AO523:S500,Analog Output Mod.16AO,U/I 12bit+sign,24VDC,2/3-wire |

## Additional Information

|                                    |                                                                                         |
|------------------------------------|-----------------------------------------------------------------------------------------|
| ABB Type Designation               | AO523                                                                                   |
| ABS Certificate                    | 1SAA960002-0106                                                                         |
| Ambient Air Temperature            | Operation 0 ... +60 °C<br>Storage -40 ... +70 °C                                        |
| Analog Outputs                     | 16 channels, 0 ... 20mA, 4 ... 20mA, -10 ... +10V, max. 8 current outputs, 12bit + sign |
| BV Certificate                     | 1SAA960003-0204                                                                         |
| CN8                                | 85389091                                                                                |
| CSA Certificate                    | 1SAA960000-1712                                                                         |
| Country of Origin                  | Germany (DE)                                                                            |
| Customs Tariff Number              | 85389091                                                                                |
| DNV Certificate                    | 1SAA960002-0306                                                                         |
| Data Sheet, Technical Information  | 2CDC125002B0206                                                                         |
| Declaration of Conformity - C-Tick | 1SAA960000-3302                                                                         |
| Declaration of Conformity - CE     | 1SAD938504-0166                                                                         |
| Declaration of Conformity - KCC    | 1SAA960001-4801                                                                         |
| Degree of Protection               | IP20                                                                                    |
| E-nummer                           | 4517229                                                                                 |
| EAN                                | 4016779655965                                                                           |
| EPLAN Catalog Tree                 | Electrical engineering / PLC / PLC output card analog                                   |
| Environmental Information          | 1SAA960009-2405                                                                         |
| GL Certificate                     | 1SAA960004-0409                                                                         |
| GOST Certificate                   | 1SAA962000-2703                                                                         |
| Gross Weight                       | 0.2 kg                                                                                  |
| I/O Option                         | IO module with Onboard IO - 16AO                                                        |
| Instructions and Manuals           | 2CDC125080M0202                                                                         |
| Invoice Description                | AO523:S500,Analog Output Mod.16AO,U/I                                                   |
| LR Certificate                     | 1SAA960002-0506                                                                         |
| Made To Order                      | No                                                                                      |

|                                        |                                                                                   |
|----------------------------------------|-----------------------------------------------------------------------------------|
| Maximum Operating Altitude Permissible | 2000 m                                                                            |
| Minimum Order Quantity                 | 1 piece                                                                           |
| Mounting Position                      | Horizontal, Vertical possible with derating                                       |
| Mounting on DIN Rail                   | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715                              |
| Number of Analog Configurable I/Os     | 0                                                                                 |
| Order Multiple                         | 1 piece                                                                           |
| Power Supply                           | 24 V DC                                                                           |
| Primary Voltage                        | 24 V DC                                                                           |
| Product Depth                          | 72 mm                                                                             |
| Product Main Type                      | AO523                                                                             |
| Product Name                           | Distributed Automation I/Os                                                       |
| Product Net Height                     | 76 mm                                                                             |
| Product Net Length                     | 62 mm                                                                             |
| Product Net Weight                     | 0.15 kg                                                                           |
| Product Net Width                      | 67.5 mm                                                                           |
| Product Type                           | PLC-AC500                                                                         |
| Programming Software                   | AC500 Control Builder PS501-PROG                                                  |
| Quote Only                             | No                                                                                |
| RINA Certificate                       | 1SAA960003-0807                                                                   |
| RMRS Certificate                       | 1SAA960001-0706                                                                   |
| RoHS Date                              | 1231                                                                              |
| RoHS Information                       | 1SAA960006-4410                                                                   |
| RoHS Status                            | Following EU Directive 2002/95/EC August 18, 2005 and amendment                   |
| Secondary Current                      | 0.2 A                                                                             |
| Selling Unit of Measure                | piece                                                                             |
| Serial Port 2 Type                     | I/O-Bus                                                                           |
| Short Description                      | AO523:S500,Analog Output Mod.16AO,U/I                                             |
| Stocked At (Warehouses)                | Central Stock Europe<br>SGRDC002EXPU<br>SGIND002EXPU<br>AUABB024EXPU<br>CNYKAEXPU |
| Supply Voltage                         | 24 V DC                                                                           |
| UL Certificate                         | 1SAA960000-1612                                                                   |
| WEEE B2C / B2B                         | Business To Business                                                              |
| WEEE Category                          | 5. Small Equipment (No External Dimension More Than 50 cm)                        |
| cUL Certificate                        | 1SAA960000-1712                                                                   |
| cULus Certificate                      | 1SAA960000-1712                                                                   |

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## Categories

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PLC Automation → Programmable Logic Controllers PLCs → AC500 → S500 I/O modules

