



PRODUCT-DETAILS

AX522

Analog input/output module. 8 AI: U, I, RTD. 4 AO: U, I. 4 AO: U (AX522)



| General Information    |                                                                                       |
|------------------------|---------------------------------------------------------------------------------------|
| Extended Product Type: | AX522                                                                                 |
| Product ID:            | 1SAP250000R0001                                                                       |
| ABB Type Designation:  | AX522                                                                                 |
| EAN:                   | 4016779649131                                                                         |
| Catalog Description:   | Analog input/output module. 8 AI: U, I, RTD. 4 AO: U, I. 4 AO: U (AX522)              |
| Long Description:      | AX522: S500 Analog input/output module. 8 AI: U, I, RTD. 4 AO: U, I. 4 AO: U. 1-wire. |
| Display Name:          | AX522                                                                                 |

| Ordering                |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| CN8:                    | 85389091                                                                 |
| Invoice Description:    | Analog input/output module. 8 AI: U, I, RTD. 4 AO: U, I. 4 AO: U (AX522) |
| Made To Order:          | No                                                                       |
| Minimum Order Quantity: | 1 piece                                                                  |
| Order Multiple:         | 1 piece                                                                  |

Selling Unit of Measure: piece

## Dimensions

|                                 |                |
|---------------------------------|----------------|
| Product Net Weight:             | 0.126 kg       |
| Product Net Depth / Length:     | 62 mm          |
| Product Net Height:             | 76 mm          |
| Product Net Width:              | 67.5 mm        |
| Gross Weight:                   | 0.151 kg       |
| Package Level 1 Depth / Length: | 84 mm          |
| Package Level 1 Height:         | 72 mm          |
| Package Level 1 Width:          | 71 mm          |
| Package Level 1 Units:          | carton 1 piece |

## Certificates and Declarations

|                                 |                                                                        |
|---------------------------------|------------------------------------------------------------------------|
| Declaration of Conformity - CE: | 3ADR980140                                                             |
| REACH Date:                     | 20241206                                                               |
| REACH Declaration:              | 3ADR980139                                                             |
| REACH Information:              | True - contains substances > 0.1 mass percentage                       |
| SCIP:                           | b682868f-f631-443c-8799-443e5f9c5308 Germany                           |
| RoHS Declaration:               | 3ADR980140                                                             |
| RoHS Information:               | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

## Technical

|                                     |                                                  |
|-------------------------------------|--------------------------------------------------|
| Function:                           | 8 AI: U, I, RTD. 4 AO: U, I. 4 AO: U             |
| Number of Analog Configurable I/Os: | 0                                                |
| Analog Inputs:                      | 8                                                |
| Input Signal:                       | U, I, RTD, DI                                    |
| Analog Outputs:                     | 8                                                |
| Output Signal:                      | 4 AO: U, I. 4 AO: U                              |
| Resolution:                         | Analog Input 13 bit<br>Analog Output 13 bit      |
| Degree of Protection:               | Housing IP20                                     |
| Supply Voltage:                     | 24 V DC                                          |
| Ambient Air Temperature:            | Operation 0 ... +60 °C<br>Storage -40 ... +70 °C |

## Additional Information

|                    |       |
|--------------------|-------|
| Product Main Type: | AX522 |
|--------------------|-------|

Product Name: Distributed Automation I/Os

External Classifications and Standards

|          |                                    |
|----------|------------------------------------|
| eClass:  | 27-24-22-02                        |
| ETIM 8:  | EC001420 - PLC analogue I/O-module |
| ETIM 9:  | EC001420 - PLC analogue I/O-module |
| ETIM 10: | EC001420 - PLC analogue I/O-module |
| UNSPSC:  | 32151705                           |

Environmental

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| WEEE B2C / B2B: | Business To Business                                       |
| WEEE Category:  | 5. Small Equipment (No External Dimension More Than 50 cm) |

Categories

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

