



PRODUCT-DETAILS

DX522-XC

Digital input/output module. 8 DI: 24VDC. 8 DO relay: 230VAC 3A (DX522-XC)



| General Information   |                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------|
| Extended Product Type | DX522-XC                                                                                                      |
| Product ID            | 1SAP445200R0001                                                                                               |
| ABB Type Designation  | DX522-XC                                                                                                      |
| EAN                   | 4016779846363                                                                                                 |
| Catalog Description   | Digital input/output module. 8 DI: 24VDC. 8 DO relay: 230VAC 3A (DX522-XC)                                    |
| Long Description      | DX522-XC: S500 Digital input/output module. 8 DI: 24VDC. 8 DO relay: 230VAC 3A. 2..3 wire. eXtreme Conditions |

| Ordering                |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| CN8                     | 85389091                                                                   |
| Invoice Description     | Digital input/output module. 8 DI: 24VDC. 8 DO relay: 230VAC 3A (DX522-XC) |
| Made To Order           | No                                                                         |
| Minimum Order Quantity  | 1 piece                                                                    |
| Order Multiple          | 1 piece                                                                    |
| Selling Unit of Measure | piece                                                                      |

## Dimensions

|                                |          |
|--------------------------------|----------|
| Product Net Weight             | 0.177 kg |
| Product Net Depth / Length     | 62 mm    |
| Product Net Height             | 76 mm    |
| Product Net Width              | 67.5 mm  |
| Gross Weight                   | 0.201 kg |
| Package Level 1 Depth / Length | 84 mm    |
| Package Level 1 Height         | 72 mm    |
| Package Level 1 Width          | 71 mm    |
| Package Level 1 Units          | 1 carton |

## Certificates and Declarations

|                                |                                                                        |
|--------------------------------|------------------------------------------------------------------------|
| Declaration of Conformity - CE | 3ADR980141                                                             |
| REACH Date                     | 20241206                                                               |
| REACH Declaration              | 3ADR980139                                                             |
| REACH Information              | True - contains substances > 0.1 mass percentage                       |
| RoHS Date                      | 2011                                                                   |
| RoHS Information               | 3ADR980141                                                             |
| RoHS Status                    | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

## Technical

|                                     |                                                |
|-------------------------------------|------------------------------------------------|
| Function                            | 8 DI: 24VDC. 8 DO relay: 230VAC 3A             |
| Number of Digital Inputs            | 8                                              |
| Number of Digital Outputs           | 8                                              |
| Number of Digital Configurable I/Os | 0                                              |
| Input Voltage Type                  | DC                                             |
| Input Current                       | 5 mA                                           |
| Maximum Input Voltage               | 0 ... 30 V                                     |
| Delay Time (T)                      | 0.1 ... 32 ms                                  |
| Output                              | Relay                                          |
| Output Voltage Type                 | AC                                             |
| Output Current                      | 3 A                                            |
| Output Voltage Maximum              | 195.5 ... 276 V                                |
| Degree of Protection                | IP20                                           |
| Supply Voltage                      | 20.4 ... 28.8 V DC                             |
| Ambient Air Temperature             | Operation -30...+70 °C<br>Storage -40...+85 °C |

## Additional Information

|                   |                             |
|-------------------|-----------------------------|
| Product Main Type | DX522                       |
| Product Name      | Distributed Automation I/Os |

| External Classifications and Standards |                                   |             |
|----------------------------------------|-----------------------------------|-------------|
| eClass                                 |                                   | 27-24-22-04 |
| ETIM 8                                 | EC001419 - PLC digital I/O-module |             |
| ETIM 9                                 | EC001419 - PLC digital I/O-module |             |
| ETIM 10                                | EC001419 - PLC digital I/O-module |             |
| UNSPSC                                 |                                   | 32151705    |

| Environmental  |                                                            |                      |
|----------------|------------------------------------------------------------|----------------------|
| SCIP           | 1cb9e022-d556-4418-8452-df040dee509a                       | Germany              |
| WEEE B2C / B2B |                                                            | Business To Business |
| WEEE Category  | 5. Small Equipment (No External Dimension More Than 50 cm) |                      |

| Categories                                                                         |  |
|------------------------------------------------------------------------------------|--|
| PLC Automation → Programmable Logic Controllers PLCs → AC500-XC → S500 I/O modules |  |

