



PRODUCT-DETAILS

# DX522

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



| General Information    |                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------|
| Extended Product Type: | DX522                                                                                   |
| Product ID:            | 1SAP245200R0001                                                                         |
| ABB Type Designation:  | DX522                                                                                   |
| EAN:                   | 4016779649186                                                                           |
| Catalog Description:   | Digital input/output module. 8 DI: 24VDC. 8 DO relay: 230VAC 3A (DX522)                 |
| Long Description:      | DX522: S500 Digital input/output module. 8 DI: 24VDC. 8 DO relay: 230VAC 3A. 2..3 wire. |
| Display Name:          | DX522                                                                                   |

| Ordering                |                                                                         |
|-------------------------|-------------------------------------------------------------------------|
| CN8:                    | 85389091                                                                |
| Invoice Description:    | Digital input/output module. 8 DI: 24VDC. 8 DO relay: 230VAC 3A (DX522) |
| 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:          | carton 1 piece |

## Certificates and Declarations

|                                 |                                                                        |
|---------------------------------|------------------------------------------------------------------------|
| Declaration of Conformity - CE: | 3ADR980141                                                             |
| REACH Date:                     | 20241206                                                               |
| REACH Declaration:              | 3ADR980139                                                             |
| REACH Information:              | True - contains substances > 0.1 mass percentage                       |
| SCIP:                           | 54022755-35db-4bd9-801a-5eba2aedd4e9 Germany                           |
| RoHS Declaration:               | 3ADR980141                                                             |
| RoHS Information:               | 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                 |

| 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   |                                                            |
|-----------------|------------------------------------------------------------|
| 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 |  |

