

DC522

General Information

|                        |                                                                                                                                      |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type: | DC522                                                                                                                                |
| Product ID:            | 1SAP240600R0001                                                                                                                      |
| ABB Type Designation:  | DC522                                                                                                                                |
| EAN:                   | 4016779655972                                                                                                                        |
| Catalog Description:   | Digital input/output module. 16 configurable DI/DO: 24VDC 0.5A. 8 aux. terminals 0 V. 8 aux. terminals 24VDC (DC522)                 |
| Long Description:      | DC522: S500 Digital input/output module. 16 configurable DI/DO: 24VDC 0.5A. 8 aux. terminals 0 V. 8 aux. terminals 24VDC. 2..3 wire. |

Categories

Products » [PLC Automation](#) » [Programmable Logic Controllers PLCs](#) » [AC500](#) » [S500 I/O modules](#)

Ordering

|                          |                                                                                                                      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------|
| Country of Origin:       | China (CN)<br>Germany (DE)<br>Finland (FI)                                                                           |
| CN8:                     | 85389091                                                                                                             |
| Invoice Description:     | Digital input/output module. 16 configurable DI/DO: 24VDC 0.5A. 8 aux. terminals 0 V. 8 aux. terminals 24VDC (DC522) |
| Made To Order:           | No                                                                                                                   |
| Minimum Order Quantity:  | 1 piece                                                                                                              |
| Order Multiple:          | 1 piece                                                                                                              |
| Selling Unit of Measure: | piece                                                                                                                |

Dimensions

|                                 |          |
|---------------------------------|----------|
| Product Net Weight:             | 0.102 kg |
| Product Net Depth / Length:     | 62 mm    |
| Product Net Height:             | 76 mm    |
| Product Net Length:             | 62 mm    |
| Product Net Width:              | 67.5 mm  |
| Gross Weight:                   | 0.126 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 |

Technical

|                                     |                                                                                 |
|-------------------------------------|---------------------------------------------------------------------------------|
| Function:                           | 16 configurable DI/DO: 24VDC 0.5A. 8 aux. terminals 0 V. 8 aux. terminals 24VDC |
| Number of Analog Configurable I/Os: | 0                                                                               |

|                                      |                                                  |
|--------------------------------------|--------------------------------------------------|
| Number of Digital Configurable I/Os: | 16                                               |
| Input Voltage Type:                  | DC                                               |
| Input Current:                       | 5 mA                                             |
| Maximum Input Voltage:               | 0 ... 30 V                                       |
| Delay Time (τ):                      | 0.1 ... 32 ms                                    |
| Output:                              | Transistor                                       |
| Output Voltage Type:                 | DC                                               |
| Output Current:                      | 0.5 A                                            |
| Output Voltage Maximum:              | 20.4 ... 28.8 V                                  |
| Degree of Protection:                | IP20                                             |
| Supply Voltage:                      | 20.4 ... 28.8 V DC                               |
| Ambient Air Temperature:             | Operation 0 ... +60 °C<br>Storage -40 ... +70 °C |

Additional Information

|                    |                             |
|--------------------|-----------------------------|
| Product Main Type: | DC522                       |
| Product Name:      | Distributed Automation I/Os |

Classifications

|                     |                                        |
|---------------------|----------------------------------------|
| eClass:             | 27-24-22-04                            |
| EPLAN Catalog Tree: | Electrical engineering / PLC / General |
| ETIM 8:             | EC001419 - PLC digital I/O-module      |
| UNSPSC:             | 32151705                               |

Environmental

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| SCIP:           | 3057eee4-0247-4304-9e95-58b4d0688cb8 Germany (DE)          |
| WEEE B2C / B2B: | Business To Business                                       |
| WEEE Category:  | 5. Small Equipment (No External Dimension More Than 50 cm) |

