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 PRODUCT-DETAILS

# DC522

Digital input/output module. 16 configurable DI/DO: 24VDC 0.5A. 8 aux. terminals 0 V. 8 aux. terminals 24VDC (DC522)




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**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.

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**Ordering**

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 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

## Certificates and Declarations

Declaration of Conformity - CE	3ADR980146
REACH Date	20241206
REACH Declaration	3ADR980139
REACH Information	True - contains substances > 0.1 mass percentage
RoHS Date	2007
RoHS Information	3ADR980146
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

## 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 (T)	0.1 ... 32 ms
Output	Transistor
Output Voltage Type	DC
Output Voltage (U <sub>out</sub> )	24 V 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 Storage -40 ... +70 °C

## Additional Information

Product Main Type	DC522
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  
UNSPSC

EC001419 - PLC digital I/O-module  
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### Environmental

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

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### Categories

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

