

# DC522

## General Information

<b>Extended Product Type:</b>	DC522
<b>Product ID:</b>	1SAP240600R0001
<b>ABB Type Designation:</b>	DC522
<b>EAN:</b>	4016779655972
<b>Catalog Description:</b>	DC522:S500,Digital Config.Input/Output Module 16DC, 24VDC,DI:24VDC,DC:24VDC/0.5A,1/2-wire
<b>Long Description:</b>	DC522:S500,Digital Config.I/O.Mod.16DC 24VDC,DI:24VDC,DC:24VDC/0.5A,1/2-wire

## Categories

Products » Low Voltage Products and Systems » Control Products » Programmable Logic Controllers PLCs » Distributed Automation I/Os

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

## Ordering

<b>EAN:</b>	4016779655972
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85389091

## Dimensions

<b>Product Net Width:</b>	67.5 mm
<b>Product Net Height:</b>	76 mm
<b>Product Net Length:</b>	62 mm
<b>Product Net Weight:</b>	0.12 kg

## Environmental

<b>Ambient Air Temperature:</b>	Operation 0 ... +60 °C Storage -40 ... +70 °C
<b>Maximum Operating Altitude Permissible:</b>	2000 m
<b>RoHS Status:</b>	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Additional Information

<b>Degree of Protection:</b>	IP20
<b>I/O Option:</b>	IO module with Onboard IO - 16DC
<b>Maximum Hardware Counter Input Frequency:</b>	50 kHz
<b>Mounting on DIN Rail:</b>	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
<b>Mounting Position:</b>	Horizontal, Vertical possible with derating
<b>Number of Analog Configurable I/Os:</b>	0
<b>Number of Digital Configurable I/Os:</b>	16

<b>Number of Hardware Counters:</b>	2
<b>Order Multiple:</b>	1 piece
<b>Output Current:</b>	0.5 A
<b>Output Voltage (U<sub>out</sub>):</b>	24 V DC
<b>Power Supply:</b>	24 V DC
<b>Primary Voltage:</b>	24 V DC
<b>Product Main Type:</b>	DC522
<b>Product Name:</b>	Distributed Automation I/Os
<b>Programming Software:</b>	AC500 Control Builder PS501-PROG
<b>RoHS Date:</b>	1110
<b>Secondary Current:</b>	0.2 A
<b>Serial Port 2 Type:</b>	I/O-Bus
<b>Special Functions:</b>	Integrated Fast counter
<b>Supply Voltage:</b>	24 V DC

### Certificates and Declarations (Document Number)

<b>ABS Certificate:</b>	<u><a href="#">1SAA960002-0106</a></u>
<b>BV Certificate:</b>	<u><a href="#">1SAA960003-0204</a></u>
<b>CSA Certificate:</b>	<u><a href="#">1SAA960000-1712</a></u>
<b>cUL Certificate:</b>	<u><a href="#">1SAA960000-1712</a></u>
<b>cULus Certificate:</b>	<u><a href="#">1SAA960000-1712</a></u>
<b>Data Sheet, Technical Information:</b>	<u><a href="#">2CDC125002B0206</a></u>
<b>Declaration of Conformity - CE:</b>	<u><a href="#">1SAD938503-0165</a></u>
<b>Declaration of Conformity - C-Tick:</b>	<u><a href="#">1SAA960000-3302</a></u>
<b>Declaration of Conformity - KCC:</b>	<u><a href="#">1SAA960001-4801</a></u>
<b>DNV Certificate:</b>	<u><a href="#">1SAA960002-0306</a></u>
<b>Environmental Information:</b>	<u><a href="#">1SAA960009-2405</a></u>
<b>GL Certificate:</b>	<u><a href="#">1SAA960004-0409</a></u>
<b>GOST Certificate:</b>	<u><a href="#">1SAA962000-2703</a></u>
<b>Instructions and Manuals:</b>	<u><a href="#">2CDC125080M0202</a></u>
<b>LR Certificate:</b>	<u><a href="#">1SAA960002-0506</a></u>
<b>RINA Certificate:</b>	<u><a href="#">1SAA960003-0807</a></u>
<b>RMRS Certificate:</b>	<u><a href="#">1SAA960001-0706</a></u>
<b>RoHS Information:</b>	<u><a href="#">1SAA960006-4410</a></u>
<b>UL Certificate:</b>	<u><a href="#">1SAA960000-1612</a></u>

### Classifications

<b>E-nummer:</b>	4517224
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