

DA501

General Information

Extended Product Type:	DA501
Product ID:	1SAP250700R0001
ABB Type Designation:	DA501
EAN:	4016779681094
Catalog Description:	Digital/analog I/O module. 16 DI: 24VDC. 4 AI: U, I, RTD. 2 AO: U, I. 8 configurable DI/DO: 24VDC 0.5, (DA501)
Long Description:	DA501: S500 Digital/analog I/O module. 16 DI: 24VDC. 4 AI: U, I, RTD. 2 AO: U, I. 8 configurable DI/D 24VDC 0.5A. 1-wire.

Categories

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

Ordering

Country of Origin:	Germany (DE) Finland (FI)
CN8:	85389091
Invoice Description:	Digital/analog I/O module. 16 DI: 24VDC. 4 AI: U, I, RTD. 2 AO: U, I. 8 configurable DI/DO: 24VDC 0.5, (DA501)
Made To Order:	No
Minimum Order Quantity:	1 piece
Order Multiple:	1 piece
Selling Unit of Measure:	piece

Dimensions

Product Net Weight:	0.121 kg
Product Net Depth / Length:	62 mm
Product Net Height:	76 mm
Product Net Width:	67.5 mm
Gross Weight:	0.145 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 DI: 24VDC. 4 AI: U, I, RTD. 2 AO: U, I. 8 configurable DI/DO: 24VDC 0.5A
Analog Inputs:	4
Input Signal:	U, I, RTD, DI
Analog Outputs:	2
Output Signal:	U, I
Resolution:	Analog Input 13 bit Analog Output 13 bit
Number of Digital Inputs:	16
Number of Digital Configurable I/Os:	8
Input Voltage Type:	DC
Input Voltage (U _{in}):	24 V DC
Input Current:	5 mA
Maximum Input Voltage:	30 V
Delay Time (τ):	0.1 ... 32 ms
Output:	Transistor
Output Voltage Type:	DC

Output Current:	0.5 A
Degree of Protection:	IP20
Rated Voltage (U _r):	24 V DC
Supply Voltage:	20.4 ... 28.8 V DC
Ambient Air Temperature:	Operation 0 ... +60 °C Storage -40 ... +70 °C

Additional Information

Product Main Type:	DA501
Product Name:	Distributed Automation I/Os

Classifications

eClass:	27-24-22-02
EPLAN Catalog Tree:	Electrical engineering / PLC / General
ETIM 8:	EC001421 - PLC analogue/digital I/O-module
UNSPSC:	32151705

Environmental

SCIP:	1fc7f915-57ff-434f-8915-10ff0f449771 Germany (DE)
WEEE B2C / B2B:	Business To Business
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)

Where Used (as part of "kit")

Identifier	Description	Ty
1SAP182400R0002	Training case. With: PM585-ETH, TB521-ETH, CM579-PNIO, DA501, CI502-PNIO, CP6607, Case, Power adapter (TA515-CASE)	Ki
1SAP187700R0001	Training case. With: PM5630-2ETH, TB5620-2ETH, CM579-PNIO, DA501, CI502-PNIO, CP6607, Case, Power adapter (TA5450-CASE)	Ki

