



PRODUCT-DETAILS

DA501-XC

Digital/analog I/O module.16DI:24 V DC.4AI:U, I, RTD, DI.2AO:U, I.8DC:24 V DC(DA501-XC)



General Information	
Extended Product Type	DA501-XC
Product ID	1SAP450700R0001
ABB Type Designation	DA501-XC
EAN	4016779846332
Catalog Description	Digital/analog I/O module.16DI:24 V DC.4AI:U, I, RTD, DI.2AO:U, I.8DC:24 V DC(DA501-XC)
Long Description	DA501-XC: S500 Digital/analog I/O module. 16 DI: 24VDC. 4 AI: U, I, RTD. 2 AO: U, I. 8 configurable DI/DO: 24VDC 0.5A. 1-wire. eXtreme Conditions

Ordering

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 0.5A (DA501-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

Dimensions

Product Net Weight	0.122 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.146 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	3ADR980140
REACH Date	20241206
REACH Declaration	3ADR980139
REACH Information	True - contains substances > 0.1 mass percentage
RoHS Date	2011
RoHS Information	3ADR980140
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

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 (T)	0.1 ... 32 ms
Output	Transistor
Output Voltage Type	DC
Output Voltage (U_{out})	24 V 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 -30...+70 °C Storage -40...+85 °C

Additional Information

Product Main Type	DA501
Product Name	Distributed Automation I/Os

External Classifications and Standards

eClass	27-24-22-02
ETIM 8	EC001421 - PLC analogue/digital I/O-module
ETIM 9	EC001421 - PLC analogue/digital I/O-module
ETIM 10	EC001421 - PLC analogue/digital I/O-module
UNSPSC	32151705

Environmental

SCIP	aa2fa273-d3d5-4236-947e-4b31bd09a9d7 Germany
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

