



PRODUCT-DETAILS

CI501-PNIO

Interface module. PROFINET IO RT device. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI 24VDC. 8 DO 24VDC 0.5A (CI501-PNIO)



General Information	
Extended Product Type	CI501-PNIO
Product ID	1SAP220600R0001
ABB Type Designation	CI501-PNIO
EAN	4016779661263
Catalog Description	Interface module. PROFINET IO RT device. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI 24VDC. 8 DO 24VDC 0.5A (CI501-PNIO)
Long Description	CI501-PNIO: S500 Interface module. PROFINET IO RT device. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI 24VDC. 8 DO 24VDC 0.5A. Extendable by up to 10 I/O modules.

Ordering	
CN8	85389091
Invoice Description	Interface module. PROFINET IO RT device. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI 24VDC. 8 DO 24VDC 0.5A (CI501-PNIO)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

Dimensions

Product Net Weight	0.136 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.16 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
SCIP	a307b9ae-b352-4d4d-8ebf-99c63e467033 Germany
RoHS Date	2010
RoHS Declaration	3ADR980140
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Technical

Function	PROFINET IO RT device. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI 24VDC. 8 DO 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 2 Other 0 Parallel 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Wireless 0
Analog Inputs	4
Analog Outputs	2
Number of Digital Inputs	8
Number of Digital Outputs	8
Number of Digital Configurable I/Os	0
Input Voltage Type	DC
Input Voltage (U_{in})	24 V DC
Input Current	5 mA
Delay Time (T)	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

Additional Information

Product Main Type	CI501
Product Name	Distributed Automation I/Os

External Classifications and Standards

eClass	27-24-26-07
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
ETIM 9	EC001604 - Fieldbus, decentr. periphery - communication module
ETIM 10	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

Environmental

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	Type
1SAP182500R0001	TA513-ADV:AC500,Advanced democase ETHCPU	Kit

Categories

PLC Automation → Programmable Logic Controllers PLCs → AC500 → Communication interface modules

