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# ПРОГРАММИРУЕМЫЕ ЛОГИЧЕСКИЕ КОНТРОЛЛЕРЫ Техническое описание на интерфейсные модули С1



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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)



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## 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.

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## Ordering

Country of Origin	Germany (DE) Finland (FI)
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

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## Dimensions

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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

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## Technical

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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

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## Additional Information

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Product Main Type	CI501
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	a307b9ae-b352-4d4d-8ebf-99c63e467033 Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Where Used (as part of "kit")

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

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## Categories

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



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PRODUCT-DETAILS

## CI501-PNIO-XC

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-XC)



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### General Information

Extended Product Type	CI501-PNIO-XC
Product ID	1SAP420600R0001
ABB Type Designation	CI501-PNIO-XC
EAN	4016779846158
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-XC)
Long Description	CI501-PNIO-XC: 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. eXtreme Conditions

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### Ordering

Country of Origin	Germany (DE) Finland (FI)
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-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

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Product Net Weight	0.137 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.161 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

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## Technical

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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 <sub>in</sub> )	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
Ambient Air Temperature	Operation -30...+70 °C Storage -40...+85 °C

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## Additional Information

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Product Main Type	CI501
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	458011c2-9b8d-414d-b686-6a93b7f66df2 Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

## CI502-PNIO

Interface module. PROFINET IO RT device. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI502-PNIO)



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### General Information

Extended Product Type	CI502-PNIO
Product ID	1SAP220700R0001
ABB Type Designation	CI502-PNIO
EAN	4016779661270
Catalog Description	Interface module. PROFINET IO RT device. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI502-PNIO)
Long Description	CI502-PNIO: S500 Interface module. PROFINET IO RT device. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A. Extendable by up to 10 I/O modules.

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### Ordering

Country of Origin	Germany (DE) United States (US) Finland (FI)
CN8	85389091
Invoice Description	Interface module. PROFINET IO RT device. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI502-PNIO)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

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Product Net Weight	0.133 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.157 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

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## Technical

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Function	PROFINET IO RT device. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/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	0
Analog Outputs	0
Number of Digital Inputs	8
Number of Digital Outputs	8
Number of Digital Configurable I/Os	8
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

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## Additional Information

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Product Main Type	CI502
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	2052f720-cc65-48e9-8837-6572a99672cf Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Where Used (as part of "kit")

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Identifier	Description	Type
1SAP182400R0002	Training case. With: PM585-ETH, TB521-ETH, CM579-PNIO, DA501, CI502-PNIO, CP6607, Case, Power adapter (TA515-CASE)	Kit
1SAP182900R0001	Training case. With: PM573-ETH, CM579-PNIO, CI502-PNIO, SM560-S, AI581-S, DI581-S, DX581-S, Case, Power adapter (TA514-SAFETY)	Kit
1SAP187700R0001	Training case. With: PM5630-2ETH, TB5620-2ETH, CM579-PNIO, DA501, CI502-PNIO, CP6607, Case, Power adapter (TA5450-CASE)	Kit

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## Categories

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



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PRODUCT-DETAILS

## CI502-PNIO-XC

Interface module. PROFINET IO RT device. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI502-PNIO-XC)



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### General Information

Extended Product Type	CI502-PNIO-XC
Product ID	1SAP420700R0001
ABB Type Designation	CI502-PNIO-XC
EAN	4016779846301
Catalog Description	Interface module. PROFINET IO RT device. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI502-PNIO-XC)
Long Description	CI502-PNIO-XC: S500 Interface module. PROFINET IO RT device. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A. Extendable by up to 10 I/O modules. eXtreme Conditions

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### Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. PROFINET IO RT device. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI502-PNIO-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

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Product Net Weight	0.134 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.159 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

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## Technical

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Function	PROFINET IO RT device. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/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	0
Analog Outputs	0
Number of Digital Inputs	8
Number of Digital Outputs	8
Number of Digital Configurable I/Os	8
Input Voltage Type	DC
Input Voltage (U <sub>in</sub> )	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
Ambient Air Temperature	Operation -30...+70 °C Storage -40...+85 °C

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## Additional Information

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Product Main Type	CI502
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	de5f314b-aaf6-41a1-99de-d014818cb319 Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

# CI504-PNIO

Interface module. PROFINET IO RT device.  
Gateway module. 3 serial interfaces: RS232,  
RS422, RS485 (CI504-PNIO)



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## General Information

Extended Product Type	CI504-PNIO
Product ID	1SAP221300R0001
ABB Type Designation	CI504-PNIO
EAN	4016779830621
Catalog Description	Interface module. PROFINET IO RT device. Gateway module. 3 serial interfaces: RS232, RS422, RS485 (CI504-PNIO)
Long Description	CI504-PNIO: S500 Interface module. PROFINET IO RT device. Gateway module. 3 serial interfaces: RS232, RS422, RS485. Extendable by up to 10 I/O modules.

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## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. PROFINET IO RT device. Gateway module. 3 serial interfaces: RS232, RS422, RS485 (CI504-PNIO)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

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Product Net Weight	0.139 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.167 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

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## Technical

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Function	PROFINET IO RT device. Gateway module. 3 serial interfaces: RS232, RS422, RS485
Number of Hardware Interfaces	Industrial Ethernet 2 Other 3 Parallel 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Wireless 0
Analog Inputs	0
Analog Outputs	0
Number of Digital Inputs	0
Number of Digital Outputs	0
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

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## Additional Information

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Product Main Type	CI504
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	3469f7c4-f1cc-42ae-882d-677bb778a41f Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

# CI504-PNIO-XC

Interface module. PROFINET IO RT device.  
Gateway module. 3 serial interfaces: RS232,  
RS422, RS485 (CI504-PNIO-XC)



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## General Information

Extended Product Type	CI504-PNIO-XC
Product ID	1SAP421300R0001
ABB Type Designation	CI504-PNIO-XC
EAN	4016779866217
Catalog Description	Interface module. PROFINET IO RT device. Gateway module. 3 serial interfaces: RS232, RS422, RS485 (CI504-PNIO-XC)
Long Description	CI504-PNIO-XC: S500 Interface module. PROFINET IO RT device. Gateway module. 3 serial interfaces: RS232, RS422, RS485. Extendable by up to 10 I/O modules. eXtreme Conditions

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## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. PROFINET IO RT device. Gateway module. 3 serial interfaces: RS232, RS422, RS485 (CI504-PNIO-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

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Product Net Weight	0.141 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.167 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

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## Technical

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Function	PROFINET IO RT device. Gateway module. 3 serial interfaces: RS232, RS422, RS485
Number of Hardware Interfaces	Industrial Ethernet 2 Other 3 Parallel 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Wireless 0
Analog Inputs	0
Analog Outputs	0
Number of Digital Inputs	0
Number of Digital Outputs	0
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

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## Additional Information

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Product Main Type	CI504
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	735057b9-8a12-4904-8190-7fcd5235ebcd Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

# CI506-PNIO

Interface module. PROFINET IO RT device. Gateway module. 2 serial interfaces: RS232, RS422, RS485. 1 CANopen master interface (CI506-PNIO)



## General Information

Extended Product Type	CI506-PNIO
Product ID	1SAP221500R0001
ABB Type Designation	CI506-PNIO
EAN	4016779830638
Catalog Description	Interface module. PROFINET IO RT device. Gateway module. 2 serial interfaces: RS232, RS422, RS485. 1 CANopen master interface (CI506-PNIO)
Long Description	CI506-PNIO: S500 Interface module. PROFINET IO RT device. Gateway module. 2 serial interfaces: RS232, RS422, RS485. 1 CANopen master interface. Extendable by up to 10 I/O modules.

## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. PROFINET IO RT device. Gateway module. 2 serial interfaces: RS232, RS422, RS485. 1 CANopen master interface (CI506-PNIO)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece



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## Dimensions

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Product Net Weight	0.144 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.168 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

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## Technical

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Function	PROFINET IO RT device. Gateway module. 2 serial interfaces: RS232, RS422, RS485. 1 CANopen master interface
Number of Hardware Interfaces	Industrial Ethernet 2 Other 3 Parallel 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Wireless 0
Analog Inputs	0
Analog Outputs	0
Number of Digital Inputs	0
Number of Digital Outputs	0
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

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## Additional Information

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Product Main Type	CI506
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	5c35e352-f079-476c-8e31-f823365ff0a5 Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

## CI506-PNIO-XC

Interface module. PROFINET IO RT device.  
Gateway module. 2 serial interfaces. 1 CANopen  
master interface (CI506-PNIO-XC)



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### General Information

Extended Product Type	CI506-PNIO-XC
Product ID	1SAP421500R0001
ABB Type Designation	CI506-PNIO-XC
EAN	4016779866224
Catalog Description	Interface module. PROFINET IO RT device. Gateway module. 2 serial interfaces. 1 CANopen master interface (CI506-PNIO-XC)
Long Description	CI506-PNIO-XC: S500 Interface module. PROFINET IO RT device. Gateway module. 2 serial interfaces: RS232, RS422, RS485. 1 CANopen master interface. Extendable by up to 10 I/O modules. eXtreme Conditions

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### Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. PROFINET IO RT device. Gateway module. 2 serial interfaces. 1 CANopen master interface (CI506-PNIO-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

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Product Net Weight	0.142 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.166 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

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## Technical

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Function	PROFINET IO RT device. Gateway module. 2 serial interfaces: RS232, RS422, RS485. 1 CANopen master interface
Number of Hardware Interfaces	Industrial Ethernet 2 Other 3 Parallel 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Wireless 0
Analog Inputs	0
Analog Outputs	0
Number of Digital Inputs	0
Number of Digital Outputs	0
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
Ambient Air Temperature	Operation -30...+70 °C Storage -40...+85 °C

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## Additional Information

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Product Main Type	CI506
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	97d25c34-819f-4e03-b998-3cb674a52c73 Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

---

# CI511-ETHCAT

Interface module. EtherCAT slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. Cam switch functionality (CI511-ETHCAT)



## General Information

Extended Product Type	CI511-ETHCAT
Product ID	1SAP220900R0001
ABB Type Designation	CI511-ETHCAT
EAN	4016779664820
Catalog Description	Interface module. EtherCAT slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. Cam switch functionality (CI511-ETHCAT)
Long Description	CI511-ETHCAT: S500 Interface module. EtherCAT slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. Cam switch functionality. Extendable by up to 10 I/O modules.

## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. EtherCAT slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. Cam switch functionality (CI511-ETHCAT)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

---

## Dimensions

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Product Net Weight	0.138 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.162 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

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## Technical

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Function	EtherCAT slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. Cam switch functionality
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

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## Additional Information

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Product Main Type	CI511
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	8070cf6d-0c4e-45d4-a548-e34b150e30d2 Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

## CI512-ETHCAT

Interface module. EtherCAT slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A. Cam switch functionality (CI512-ETHCAT)



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### General Information

Extended Product Type	CI512-ETHCAT
Product ID	1SAP221000R0001
ABB Type Designation	CI512-ETHCAT
EAN	4016779664837
Catalog Description	Interface module. EtherCAT slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A. Cam switch functionality (CI512-ETHCAT)
Long Description	CI512-ETHCAT: S500 Interface module. EtherCAT slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A. Cam switch functionality. Extendable by up to 10 I/O modules.

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### Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. EtherCAT slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A. Cam switch functionality (CI512-ETHCAT)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

---

## Dimensions

---

Product Net Weight	0.138 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.162 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

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## Technical

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Function	EtherCAT slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A. Cam switch functionality
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	0
Analog Outputs	0
Number of Digital Inputs	8
Number of Digital Outputs	8
Number of Digital Configurable I/Os	8
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

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## Additional Information

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Product Main Type	CI512
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	ee4c4b38-a1db-420e-89a3-99164cf538a5 Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

# CI521-MODTCP

Interface module. Modbus TCP server. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI521-MODTCP)



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## General Information

Extended Product Type	CI521-MODTCP
Product ID	1SAP222100R0001
ABB Type Designation	CI521-MODTCP
EAN	4013614485916
Catalog Description	Interface module. Modbus TCP server. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI521-MODTCP)
Long Description	CI521-MODTCP: S500 Interface module. Modbus TCP server. 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.

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## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. Modbus TCP server. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI521-MODTCP)
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	0.159 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

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## Technical

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Function	Modbus TCP server. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 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 <sub>in</sub> )	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

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## Additional Information

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Product Main Type	CI521
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	efc8d8ea-3ef4-48b2-b474-318eb4321719 Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

# CI521-MODTCP-XC

Interface module. Modbus TCP server. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI521-MODTCP-XC)



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## General Information

Extended Product Type	CI521-MODTCP-XC
Product ID	1SAP422100R0001
ABB Type Designation	CI521-MODTCP-XC
EAN	4013614485923
Catalog Description	Interface module. Modbus TCP server. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI521-MODTCP-XC)
Long Description	CI521-MODTCP-XC: S500 Interface module. Modbus TCP server. 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. eXtreme Conditions

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## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. Modbus TCP server. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI521-MODTCP-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

---

## Dimensions

---

Product Net Weight	0.138 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.162 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

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## Technical

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Function	Modbus TCP server. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 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

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## Additional Information

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Product Main Type	CI521
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	8f2549a5-2208-4052-976a-36840d3796fb Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

# CI522-MODTCP

Interface module. Modbus TCP server. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI522-MODTCP)



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## General Information

Extended Product Type	CI522-MODTCP
Product ID	1SAP222200R0001
ABB Type Designation	CI522-MODTCP
EAN	4013614485930
Catalog Description	Interface module. Modbus TCP server. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI522-MODTCP)
Long Description	CI522-MODTCP: S500 Interface module. Modbus TCP server. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A. Extendable by up to 10 I/O modules.

---

## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. Modbus TCP server. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI522-MODTCP)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

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Product Net Weight	0.133 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.157 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

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## Technical

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Function	Modbus TCP server. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 Other 0 Parallel 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Wireless 0
Analog Inputs	0
Analog Outputs	0
Number of Digital Inputs	8
Number of Digital Outputs	8
Number of Digital Configurable I/Os	8
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

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## Additional Information

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Product Main Type	CI522
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	5e0cc729-178b-43ca-a669-26bfda8af2de Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

# CI522-MODTCP-XC

Interface module. Modbus TCP server. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI522-MODTCP-XC)



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## General Information

Extended Product Type	CI522-MODTCP-XC
Product ID	1SAP422200R0001
ABB Type Designation	CI522-MODTCP-XC
EAN	4013614485947
Catalog Description	Interface module. Modbus TCP server. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI522-MODTCP-XC)
Long Description	CI522-MODTCP-XC: S500 Interface module. Modbus TCP server. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A. Extendable by up to 10 I/O modules. eXtreme Conditions

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## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. Modbus TCP server. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI522-MODTCP-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

---

## Dimensions

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Product Net Weight	0.138 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.162 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

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## Technical

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Function	Modbus TCP server. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 Other 0 Parallel 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Wireless 0
Analog Inputs	0
Analog Outputs	0
Number of Digital Inputs	8
Number of Digital Outputs	8
Number of Digital Configurable I/Os	8
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

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## Additional Information

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Product Main Type	CI522
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	e797b9aa-f7ee-4784-a2eb-3367dc11b5ac Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

## CI541-DP

Interface module. PROFIBUS slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI541-DP)



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### General Information

Extended Product Type	CI541-DP
Product ID	1SAP224100R0001
ABB Type Designation	CI541-DP
EAN	4016779866248
Catalog Description	Interface module. PROFIBUS slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI541-DP)
Long Description	CI541-DP: S500 Interface module. PROFIBUS slave. 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

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. PROFIBUS slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI541-DP)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece



---

## Dimensions

---

Product Net Weight	0.134 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.158 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

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## Technical

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Function	PROFIBUS slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 Other 0 Parallel 0 RS-232 0 RS-422 0 RS-485 1 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 <sub>in</sub> )	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

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## Additional Information

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Product Main Type	CI541
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	d232eef2-3a2c-44cc-be60-2ace5a76220c Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

## CI541-DP-XC

Interface module. PROFIBUS slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI541-DP-XC)



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### General Information

Extended Product Type	CI541-DP-XC
Product ID	1SAP424100R0001
ABB Type Designation	CI541-DP-XC
EAN	4016779866323
Catalog Description	Interface module. PROFIBUS slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI541-DP-XC)
Long Description	CI541-DP-XC: S500 Interface module. PROFIBUS slave. 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. eXtreme Conditions

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### Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. PROFIBUS slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI541-DP-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

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Product Net Weight	0.139 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.164 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

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## Technical

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Function	PROFIBUS slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 Other 0 Parallel 0 RS-232 0 RS-422 0 RS-485 1 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 <sub>in</sub> )	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
Ambient Air Temperature	Operation -30...+70 °C Storage -40...+85 °C

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## Additional Information

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Product Main Type	CI541
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	8558919d-93f4-45ee-bbf6-7a30185e09f2 Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

# CI541-DP

Interface module. PROFIBUS slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI541-DP)



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## General Information

Extended Product Type	CI541-DP
Product ID	1SAP224100R0001
ABB Type Designation	CI541-DP
EAN	4016779866248
Catalog Description	Interface module. PROFIBUS slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI541-DP)
Long Description	CI541-DP: S500 Interface module. PROFIBUS slave. 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.

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## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. PROFIBUS slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI541-DP)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

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Product Net Weight	0.134 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.158 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

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## Technical

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Function	PROFIBUS slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 Other 0 Parallel 0 RS-232 0 RS-422 0 RS-485 1 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

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## Additional Information

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Product Main Type	CI541
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	d232eef2-3a2c-44cc-be60-2ace5a76220c Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

# CI542-DP-XC

Interface module. PROFIBUS slave. 8 DI:  
24VDC. 8 DO: 24VDC 0.5A. 8 configurable  
DI/DO: 24VDC 0.5A (CI542-DP-XC)



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## General Information

Extended Product Type	CI542-DP-XC
Product ID	1SAP424200R0001
ABB Type Designation	CI542-DP-XC
EAN	4016779866330
Catalog Description	Interface module. PROFIBUS slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI542-DP-XC)
Long Description	CI542-DP-XC: S500 Interface module. PROFIBUS slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A. Extendable by up to 10 I/O modules. eXtreme Conditions

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## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. PROFIBUS slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI542-DP-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

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Product Net Weight	0.138 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.162 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

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## Technical

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Function	PROFIBUS slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 Other 0 Parallel 0 RS-232 0 RS-422 0 RS-485 1 Serial TTY 0 USB 0 Wireless 0
Analog Inputs	0
Analog Outputs	0
Number of Digital Inputs	8
Number of Digital Outputs	8
Number of Digital Configurable I/Os	8
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
Ambient Air Temperature	Operation -30...+70 °C Storage -40...+85 °C

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## Additional Information

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Product Main Type	CI542
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	3b5e8dae-25a8-44d7-97d1-9afaa026e675 Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

# CI581-CN

Interface module. CANopen slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI581-CN)



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## General Information

Extended Product Type	CI581-CN
Product ID	1SAP228100R0001
ABB Type Designation	CI581-CN
EAN	4016779866262
Catalog Description	Interface module. CANopen slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI581-CN)
Long Description	CI581-CN: S500 Interface module. CANopen slave. 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.

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## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. CANopen slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI581-CN)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece



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## Dimensions

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Product Net Weight	0.137 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.161 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

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## Technical

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Function	CANopen slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 Other 1 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 <sub>in</sub> )	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

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## Additional Information

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Product Main Type	CI581
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decenter. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	9378345f-4dc7-415d-b557-0b3da711438f Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

# CI581-CN-XC

Interface module. CANopen slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI581-CN-XC)



## General Information

Extended Product Type	CI581-CN-XC
Product ID	1SAP428100R0001
ABB Type Designation	CI581-CN-XC
EAN	4016779866347
Catalog Description	Interface module. CANopen slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI581-CN-XC)
Long Description	CI581-CN-XC: S500 Interface module. CANopen slave. 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. eXtreme Conditions

## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. CANopen slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A (CI581-CN-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

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Product Net Weight	0.139 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.165 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

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## Technical

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Function	CANopen slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 Other 1 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 <sub>in</sub> )	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
Ambient Air Temperature	Operation -30...+70 °C Storage -40...+85 °C

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## Additional Information

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Product Main Type	CI581
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	41781962-c46d-4647-90e8-c134f3de8180 Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

## CI582-CN

Interface module. CANopen slave. 8 DI: 24VDC.  
8 DO: 24VDC 0.5A. 8 configurable DI/DO:  
24VDC 0.5A (CI582-CN)



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### General Information

Extended Product Type	CI582-CN
Product ID	1SAP228200R0001
ABB Type Designation	CI582-CN
EAN	4016779866279
Catalog Description	Interface module. CANopen slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI582-CN)
Long Description	CI582-CN: S500 Interface module. CANopen slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A. Extendable by up to 10 I/O modules.

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### Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. CANopen slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI582-CN)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

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Product Net Weight	0.13 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.157 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

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## Technical

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Function	CANopen slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 Other 1 Parallel 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Wireless 0
Analog Inputs	0
Analog Outputs	0
Number of Digital Inputs	8
Number of Digital Outputs	8
Number of Digital Configurable I/Os	8
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

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## Additional Information

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Product Main Type	CI582
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	49a619e3-bea8-4a85-ab75-7bcc72ee05c0 Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

# CI582-CN-XC

Interface module. CANopen slave. 8 DI: 24VDC.  
8 DO: 24VDC 0.5A. 8 configurable DI/DO:  
24VDC 0.5A (CI582-CN-XC)



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## General Information

Extended Product Type	CI582-CN-XC
Product ID	1SAP428200R0001
ABB Type Designation	CI582-CN-XC
EAN	4016779866354
Catalog Description	Interface module. CANopen slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI582-CN-XC)
Long Description	CI582-CN-XC: S500 Interface module. CANopen slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A. Extendable by up to 10 I/O modules. eXtreme Conditions

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## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. CANopen slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A (CI582-CN-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

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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	0.163 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

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## Technical

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Function	CANopen slave. 8 DI: 24VDC. 8 DO: 24VDC 0.5A. 8 configurable DI/DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 Other 1 Parallel 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Wireless 0
Analog Inputs	0
Analog Outputs	0
Number of Digital Inputs	8
Number of Digital Outputs	8
Number of Digital Configurable I/Os	8
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
Ambient Air Temperature	Operation -30...+70 °C Storage -40...+85 °C

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## Additional Information

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Product Main Type	CI582
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	8d4fdd59-235f-44c0-99d0-22524d4f291f Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

# CI590-CS31-HA

Interface module. CS31 slave. Media redundant.  
16 configurable DI/DO: 24VDC 0.5A (CI590-  
CS31-HA)



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## General Information

Extended Product Type	CI590-CS31-HA
Product ID	1SAP221100R0001
ABB Type Designation	CI590-CS31-HA
EAN	4016779672375
Catalog Description	Interface module. CS31 slave. Media redundant. 16 configurable DI/DO: 24VDC 0.5A (CI590-CS31-HA)
Long Description	CI590-CS31-HA: S500 Interface module. CS31 slave. Media redundant. 16 configurable DI/DO: 24VDC 0.5A. Extendable by up to 7 I/O modules.

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## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. CS31 slave. Media redundant. 16 configurable DI/DO: 24VDC 0.5A (CI590-CS31-HA)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece



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## Dimensions

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Product Net Weight	0.119 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.144 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

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## Technical

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Function	CS31 slave. Media redundant. 16 configurable DI/DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 Other 0 Parallel 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Wireless 0
Analog Inputs	0
Analog Outputs	0
Number of Digital Inputs	0
Number of Digital Outputs	0
Number of Digital Configurable I/Os	16
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

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## Additional Information

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Product Main Type	CI590
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	184f0a04-e2bd-432f-ba25-77450353bacd Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

# CI590-CS31-HA-XC

Interface module. CS31 slave. Media redundant.  
16 configurable DI/DO: 24VDC 0.5A (CI590-  
CS31-HA-XC)



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## General Information

Extended Product Type	CI590-CS31-HA-XC
Product ID	1SAP421100R0001
ABB Type Designation	CI590-CS31-HA-XC
EAN	4016779846318
Catalog Description	Interface module. CS31 slave. Media redundant. 16 configurable DI/DO: 24VDC 0.5A (CI590-CS31-HA-XC)
Long Description	CI590-CS31-HA-XC: S500 Interface module. CS31 slave. Media redundant. 16 configurable DI/DO: 24VDC 0.5A. Extendable by up to 7 I/O modules. eXtreme Conditions

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## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. CS31 slave. Media redundant. 16 configurable DI/DO: 24VDC 0.5A (CI590-CS31-HA-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

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Product Net Weight	0.124 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.148 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

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## Technical

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Function	CS31 slave. Media redundant. 16 configurable DI/DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 Other 0 Parallel 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Wireless 0
Analog Inputs	0
Analog Outputs	0
Number of Digital Inputs	0
Number of Digital Outputs	0
Number of Digital Configurable I/Os	16
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
Ambient Air Temperature	Operation -30...+70 °C Storage -40...+85 °C

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## Additional Information

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Product Main Type	CI590
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	1ac4f4f7-5a61-43f9-b54c-308be6e9782b Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

## CI592-CS31

Interface module. CS31 slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 configurable DI/DO: 24VDC 0.5A (CI592-CS31)



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### General Information

Extended Product Type	CI592-CS31
Product ID	1SAP221200R0001
ABB Type Designation	CI592-CS31
EAN	4016779681087
Catalog Description	Interface module. CS31 slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 configurable DI/DO: 24VDC 0.5A (CI592-CS31)
Long Description	CI592-CS31: S500 Interface module. CS31 slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 configurable DI/DO: 24VDC 0.5A. Extendable by up to 7 I/O modules.

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### Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. CS31 slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 configurable DI/DO: 24VDC 0.5A (CI592-CS31)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

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Product Net Weight	0.125 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.149 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

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## Technical

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Function	CS31 slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 configurable DI/DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 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	0
Number of Digital Configurable I/Os	8
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

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## Additional Information

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Product Main Type	CI592
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	14942fc4-de57-4845-83aa-816b6f8dd2fd Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

# CI592-CS31-XC

Interface module. CS31 slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 configurable DI/DO: 24VDC 0.5A (CI592-CS31-XC)



## General Information

Extended Product Type	CI592-CS31-XC
Product ID	1SAP421200R0001
ABB Type Designation	CI592-CS31-XC
EAN	4016779846325
Catalog Description	Interface module. CS31 slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 configurable DI/DO: 24VDC 0.5A (CI592-CS31-XC)
Long Description	CI592-CS31-XC: S500 Interface module. CS31 slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 configurable DI/DO: 24VDC 0.5A. Extendable by up to 7 I/O modules. eXtreme Conditions

## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Interface module. CS31 slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 configurable DI/DO: 24VDC 0.5A (CI592-CS31-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

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Product Net Weight	0.129 kg
Product Net Depth / Length	62 mm
Product Net Height	76 mm
Product Net Width	67.5 mm
Gross Weight	0.153 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

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## Technical

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Function	CS31 slave. 4 AI: U, I, RTD. 2 AO: U, I. 8 DI: 24VDC. 8 configurable DI/DO: 24VDC 0.5A
Number of Hardware Interfaces	Industrial Ethernet 0 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	0
Number of Digital Configurable I/Os	8
Input Voltage Type	DC
Input Voltage (U <sub>in</sub> )	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
Ambient Air Temperature	Operation -30...+70 °C Storage -40...+85 °C

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## Additional Information

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Product Main Type	CI592
Product Name	Distributed Automation I/Os

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## Classifications

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eClass	27-24-26-07
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001604 - Fieldbus, decentr. periphery - communication module
UNSPSC	32151705

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## Environmental

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SCIP	46b6b6ec-2090-44e5-98b5-b930a2808f19 Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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