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Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://abbdrives.nt-rt.ru/> || [aei@nt-rt.ru](mailto:aei@nt-rt.ru)

# ПРОГРАММИРУЕМЫЕ ЛОГИЧЕСКИЕ КОНТРОЛЛЕРЫ

## Техническое описание на коммуникационные модули СМ



PRODUCT-DETAILS

# CM572-DP

## CM572-DP:AC500,Communication Module



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### General Information

Extended Product Type	CM572-DP
Product ID	1SAP170200R0001
ABB Type Designation	CM572-DP
EAN	4016779649384
Catalog Description	CM572-DP:AC500,Communication Module
Long Description	CM572-DP:AC500,Communication Module PROFIBUS-DP Master,D-Sub 9 poles Profibus DPV0/V1 Protocol

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### Ordering

Country of Origin	Germany (DE) United States (US)
CN8	85389091
Invoice Description	CM572-DP:AC500,Communication Module
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Replacement Product ID (NEW)	1SAP173200R0001

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### Dimensions

Product Net Weight	0.12 kg
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Product Net Depth / Length	62 mm
Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.2 kg

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## Technical

Communication Interface	D-SUB connectors
Memory Type User Data	Flash EPROM
Degree of Protection	IP20
Ambient Air Temperature	Operation 0 ... +60 °C Storage -40 ... +70 °C

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## Additional Information

Product Main Type	CM572
Product Name	Distributed Automation PLCs

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## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
UNSPSC	32151705

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## Environmental

WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

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



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PRODUCT-DETAILS

# CM572-DP-XC

## CM572-DP-XC:AC500,Communication Module



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### General Information

Extended Product Type	CM572-DP-XC
Product ID	1SAP370200R0001
ABB Type Designation	CM572-DP-XC
EAN	4016779846219
Catalog Description	CM572-DP-XC:AC500,Communication Module
Long Description	CM572-DP-XC:AC500, Communication Module PROFIBUS-DP Master, D-Sub 9 poles female, PROFIBUS DPV0/V1 Protocol, Outdoor&Xtrem Conditions

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### Ordering

Country of Origin	Germany (DE)
CN8	85389091
Invoice Description	CM572-DP-XC:AC500,Communication Module
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

---

### Dimensions

Product Net Weight	0.12 kg
Product Net Depth / Length	62 mm
Product Net Height	135 mm

Product Net Width	28 mm
Gross Weight	0.2 kg

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## Technical

Ambient Air Temperature	Operation -30...+70 °C Storage -40...+85 °C
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## Additional Information

Product Main Type	CM572
Product Name	Distributed Automation PLCs

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## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
UNSPSC	32151705

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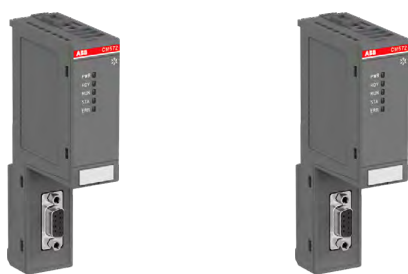
## Environmental

WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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## Categories

PLC Automation → Programmable Logic Controllers PLCs → AC500-XC → Communication modules



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PRODUCT-DETAILS

## CM574-RCOM

Communication module. RCOM protocol.  
Serial interface RS232, RS485 (CM574-RCOM)



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### General Information

Extended Product Type	CM574-RCOM
Product ID	1SAP170401R0201
ABB Type Designation	CM574-RCOM
EAN	4016779837187
Catalog Description	Communication module. RCOM protocol. Serial interface RS232, RS485 (CM574-RCOM)
Long Description	CM574-RCOM: AC500 Communication module. RCOM protocol. Serial interface RS232, RS485.

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### Ordering

Country of Origin	Germany (DE)
CN8	85389091
Invoice Description	Communication module. RCOM protocol. Serial interface RS232, RS485 (CM574-RCOM)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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### Dimensions

Product Net Weight	0.095 kg
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Product Net Depth / Length	62 mm
Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.14 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

## Technical

Function	RCOM protocol. Serial interface RS232, RS485
Communication Interface	Serial
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
Data Transmission Rate	19.2 kbit/s
Degree of Protection	IP20

## Additional Information

Product Main Type	CM574
Product Name	Distributed Automation PLCs

## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

## Environmental

WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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PRODUCT-DETAILS

# CM574-RS

Communication module. Configurable protocol. 2 serial interfaces RS232, RS485 (CM574-RS)



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## General Information

Extended Product Type	CM574-RS
Product ID	1SAP170400R0201
ABB Type Designation	CM574-RS
EAN	4016779837170
Catalog Description	Communication module. Configurable protocol. 2 serial interfaces RS232, RS485 (CM574-RS)
Long Description	CM574-RS: AC500 Communication module. Configurable protocol. 2 serial interfaces RS232, RS485.

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## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Communication module. Configurable protocol. 2 serial interfaces RS232, RS485 (CM574-RS)
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	0.095 kg
Product Net Depth / Length	62 mm
Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.14 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

## Technical

Function	Configurable protocol. 2 serial interfaces RS232, RS485
Communication Interface	Serial
Number of Hardware Interfaces	Industrial Ethernet 0 Other 2 Parallel 0 RS-232 0 RS-422 0 RS-485 0 Serial TTY 0 USB 0 Wireless 0
Data Transmission Rate	187.5 kbit/s
Degree of Protection	IP20

## Additional Information

Product Main Type	CM574
Product Name	Distributed Automation PLCs

## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC 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

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PRODUCT-DETAILS

# CM578-CN

## CM578-CN:AC500,Com.Module CANopen



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### General Information

Extended Product Type	CM578-CN
Product ID	1SAP170800R0001
ABB Type Designation	CM578-CN
EAN	4016779651479
Catalog Description	CM578-CN:AC500,Com.Module CANopen
Long Description	CM578-CN:AC500,Com.Module CANopen pluggable 5 poles spring terminal

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### Ordering

Country of Origin	Germany (DE)
CN8	85389091
Invoice Description	CM578-CN:AC500,Com.Module CANopen
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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### Dimensions

Product Net Weight	0.12 kg
Product Net Depth / Length	62 mm
Product Net Height	135 mm
Product Net Width	28 mm

Gross Weight

0.2 kg

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## Technical

Communication Interface	Terminals
Degree of Protection	IP20
Ambient Air Temperature	Operation 0 ... +60 °C Storage -40 ... +70 °C

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## Additional Information

Product Main Type	CM578
Product Name	Distributed Automation PLCs

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## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
UNSPSC	32151705

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## Environmental

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")

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

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## Categories

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



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PRODUCT-DETAILS

# CM579-ETHCAT

Communication module. EtherCAT master.  
(CM579-ETHCAT)



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## General Information

Extended Product Type	CM579-ETHCAT
Product ID	1SAP170902R0101
ABB Type Designation	CM579-ETHCAT
EAN	4013614506215
Catalog Description	Communication module. EtherCAT master. (CM579-ETHCAT)
Long Description	CM579-ETHCAT: AC500 Communication module. EtherCAT master..

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## Ordering

Country of Origin	China (CN) Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Communication module. EtherCAT master. (CM579-ETHCAT)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

Product Net Weight	0.101 kg
Product Net Depth / Length	62 mm

Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.132 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

## Technical

Function	EtherCAT master.
Communication Interface	Serial
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
Data Transmission Rate	100000 kbit/s
Degree of Protection	IP20

## Additional Information

Product Main Type	CM579
Product Name	Distributed Automation PLCs

## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

## Environmental

SCIP	b69c124e-f6da-421a-a57f-c9fc4790c2f0 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	Type
1SAP131000R0379	Controller Kit. Contains PM5630-2ETH, CM579-ETHCAT, TB5610-ETH, PS5611-MC (PM5630-MC-KIT)	Kit
1SAP140500R0379	Controller Kit. Contains PM585-ETH, CM579-ETHCAT, TB511-ETH. (PM585-MC-KIT)	Kit
1SAP141000R0379	Controller Kit. Contains PM5650-2ETH, CM579-ETHCAT, TB5610-ETH, PS5611-MC (PM5650-MC-KIT)	Kit
1SAP150000R0379	Controller Kit. Contains PM590-ETH, CM579-ETHCAT, TB521-ETH, TA524 (PM590-MC-KIT)	Kit
1SAP151000R0379	Controller Kit. Contains PM5670-2ETH, CM579-ETHCAT, TB5610-ETH, PS5611-MC (PM5670-MC-KIT)	Kit
1SAP182500R0001	TA513-ADV:AC500,Advanced democase ETHCPU	Kit
3ABD00058797		Kit
3ABD00058798		Kit
3ABD00058799		Kit

PRODUCT-DETAILS

# CM579-PNIO

## Communication module. PROFINET IO RT controller (CM579-PNIO)



### General Information

Extended Product Type	CM579-PNIO
Product ID	1SAP170901R0101
ABB Type Designation	CM579-PNIO
EAN	4013614493614
Catalog Description	Communication module. PROFINET IO RT controller (CM579-PNIO)
Long Description	CM579-PNIO: AC500 Communication module. PROFINET IO RT controller. 2 Ethernet interfaces. Switch.

### Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Communication module. PROFINET IO RT controller (CM579-PNIO)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

### Dimensions

Product Net Weight	0.1 kg
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Product Net Depth / Length	62 mm
Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.133 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

## Technical

Function	PROFINET IO RT controller
Communication Protocol	PROFINET IO PROFIsafe Controller
Communication Interface	Serial
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
Data Transmission Rate	100000 kbit/s
Degree of Protection	IP20

## Additional Information

Product Main Type	CM579-ETHCAT
Product Name	Distributed Automation PLCs

## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

## Environmental

SCIP	d9ad0575-0454-48ec-803e-5210ec8c3695 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	Type
1SAP182400R0002	Training case. With: PM585-ETH, TB521-ETH, CM579-PNIO, DA501, CI502-PNIO, CP6607, Case, Power adapter (TA515-CASE)	Kit
1SAP182500R0001	TA513-ADV:AC500,Advanced democase ETHCPU	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

PRODUCT-DETAILS

# CM579-PNIO-XC

## Communication module. PROFINET IO RT controller (CM579-PNIO-XC)



### General Information

Extended Product Type	CM579-PNIO-XC
Product ID	1SAP370901R0101
ABB Type Designation	CM579-PNIO-XC
EAN	4013614493621
Catalog Description	Communication module. PROFINET IO RT controller (CM579-PNIO-XC)
Long Description	CM579-PNIO-XC: AC500 Communication module. PROFINET IO RT controller. 2 Ethernet interfaces. Switch. eXtreme Conditions

### Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Communication module. PROFINET IO RT controller (CM579-PNIO-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

### Dimensions

Product Net Weight	0.103 kg
Product Net Depth / Length	62 mm



Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.136 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

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## Technical

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Function	PROFINET IO RT controller
Communication Interface	Serial
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
Data Transmission Rate	100000 kbit/s
Degree of Protection	IP20

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## Additional Information

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Product Main Type	CM579
Product Name	Distributed Automation PLCs

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## Classifications

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eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

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## Environmental

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SCIP	f8093605-85df-4448-9a1a-90321a1ff19b 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

# CM582-DP

Communication module. PROFIBUS slave  
(CM582-DP)



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## General Information

Extended Product Type	CM582-DP
Product ID	1SAP172200R0001
ABB Type Designation	CM582-DP
EAN	4016779878265
Catalog Description	Communication module. PROFIBUS slave (CM582-DP)
Long Description	CM582-DP: AC500 Communication module. PROFIBUS slave. 1 serial interface RS485.

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## Ordering

Country of Origin	Germany (DE) United States (US) Finland (FI)
CN8	85389091
Invoice Description	Communication module. PROFIBUS slave (CM582-DP)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

Product Net Weight	0.094 kg
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Product Net Depth / Length	62 mm
Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.124 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

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## Technical

Function	PROFIBUS slave
Communication Interface	Serial
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
Data Transmission Rate	12000 kbit/s
Degree of Protection	IP20

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## Additional Information

Product Main Type	CM582
Product Name	Distributed Automation PLCs

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## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

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## Environmental

SCIP	9a76bb37-106e-43e2-aabb-6ba227843b1a 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

# CM582-DP-XC

## Communication module. PROFIBUS slave (CM582-DP-XC)



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### General Information

Extended Product Type	CM582-DP-XC
Product ID	1SAP372200R0001
ABB Type Designation	CM582-DP-XC
EAN	4016779878272
Catalog Description	Communication module. PROFIBUS slave (CM582-DP-XC)
Long Description	CM582-DP-XC: AC500 Communication module. PROFIBUS slave. 1 serial interface RS485. eXtreme Conditions

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### Ordering

Country of Origin	Germany (DE) United States (US) Finland (FI)
CN8	85389091
Invoice Description	Communication module. PROFIBUS slave (CM582-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

Product Net Weight	0.101 kg
Product Net Depth / Length	62 mm

Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.131 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

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## Technical

Function	PROFIBUS slave
Communication Interface	Serial
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
Data Transmission Rate	12000 kbit/s
Degree of Protection	IP20

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## Additional Information

Product Main Type	CM582
Product Name	Distributed Automation PLCs

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## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

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## Environmental

SCIP	24f1dac7-0cf5-4976-b7c7-564af686096a 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

# CM588-CN

## Communication module. CANopen slave (CM588-CN)



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### General Information

Extended Product Type	CM588-CN
Product ID	1SAP172800R0001
ABB Type Designation	CM588-CN
EAN	4016779864800
Catalog Description	Communication module. CANopen slave (CM588-CN)
Long Description	CM588-CN: AC500 Communication module. CANopen slave. 1 CAN interface.

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### Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Communication module. CANopen slave (CM588-CN)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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### Dimensions

Product Net Weight	0.09 kg
Product Net Depth / Length	62 mm
Product Net Height	135 mm

Product Net Width	28 mm
Gross Weight	0.134 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

## Technical

Function	CANopen slave
Communication Interface	Serial
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
Data Transmission Rate	1000 kbit/s
Degree of Protection	IP20

## Additional Information

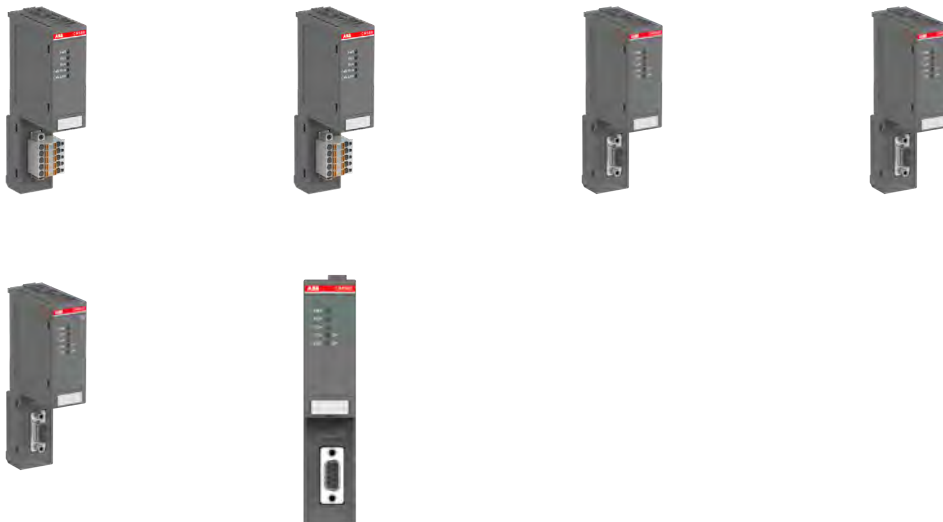
Product Main Type	CM588
Product Name	Distributed Automation PLCs

## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

## Environmental

SCIP	b486a863-7868-4152-b9e4-d48f479196c9 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

# CM588-CN-XC

## Communication module. CANopen slave (CM588-CN-XC)



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### General Information

Extended Product Type	CM588-CN-XC
Product ID	1SAP372800R0001
ABB Type Designation	CM588-CN-XC
EAN	4016779864817
Catalog Description	Communication module. CANopen slave (CM588-CN-XC)
Long Description	CM588-CN-XC: AC500 Communication module. CANopen slave. 1 CAN interface. eXtreme Conditions

---

### Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Communication module. CANopen slave (CM588-CN-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

---

### Dimensions

Product Net Weight	0.095 kg
Product Net Depth / Length	62 mm



Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.139 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

---

## Technical

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Function	CANopen slave
Communication Interface	Serial
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
Data Transmission Rate	1000 kbit/s
Degree of Protection	IP20
Ambient Air Temperature	Operation -30...+70 °C Storage -40...+85 °C

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## Additional Information

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Product Main Type	CM588
Product Name	Distributed Automation PLCs

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## Classifications

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eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

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## Environmental

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SCIP	a3053423-9d93-42f9-b3dd-8bd7687c3288 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

# CM589-PNIO

## Communication module. PROFINET IO RT device (CM589-PNIO)



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### General Information

Extended Product Type	CM589-PNIO
Product ID	1SAP172900R0011
ABB Type Designation	CM589-PNIO
EAN	4016779921664
Catalog Description	Communication module. PROFINET IO RT device (CM589-PNIO)
Long Description	CM589-PNIO: AC500 Communication module. PROFINET IO RT device. 2 Ethernet interfaces. Switch.

---

### Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Communication module. PROFINET IO RT device (CM589-PNIO)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

---

### Dimensions

Product Net Weight	0.1 kg
Product Net Depth / Length	62 mm

Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.133 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

---

## Technical

Function	PROFINET IO RT device
Communication Interface	Serial
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
Data Transmission Rate	100000 kbit/s
Degree of Protection	IP20

---

## Additional Information

Product Main Type	CM589
Product Name	Distributed Automation PLCs

---

## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

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## Environmental

SCIP	e0dec5ff-cbf0-435a-997d-9b5395c16c34 Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

PRODUCT-DETAILS

# CM589-PNIO-4

Communication module. PROFINET IO RT device. 4 devices (CM589-PNIO-4)



## General Information

Extended Product Type	CM589-PNIO-4
Product ID	1SAP172900R0111
ABB Type Designation	CM589-PNIO-4
EAN	4013614506512
Catalog Description	Communication module. PROFINET IO RT device. 4 devices (CM589-PNIO-4)
Long Description	CM589-PNIO-4: AC500 Communication module. PROFINET IO RT device. 4 devices. 2 Ethernet interfaces. Switch.

## Ordering

Country of Origin	Germany (DE) United States (US) Finland (FI)
CN8	85389091
Invoice Description	Communication module. PROFINET IO RT device. 4 devices (CM589-PNIO-4)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

## Dimensions

Product Net Weight	0.1 kg
Product Net Depth / Length	62 mm
Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.133 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

## Technical

Function	PROFINET IO RT device, 4 devices
Communication Interface	Serial
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
Data Transmission Rate	100000 kbit/s
Degree of Protection	IP20

## Additional Information

Product Main Type	CM589
Product Name	Distributed Automation PLCs

## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

## Environmental

SCIP	c4557458-7f67-4848-b6e4-116e9ed78d4e 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

# CM589-PNIO-4-XC

Communication module. PROFINET IO RT device. 4 devices (CM589-PNIO-4-XC)



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## General Information

Extended Product Type	CM589-PNIO-4-XC
Product ID	1SAP372900R0111
ABB Type Designation	CM589-PNIO-4-XC
EAN	4013614506529
Catalog Description	Communication module. PROFINET IO RT device. 4 devices (CM589-PNIO-4-XC)
Long Description	CM589-PNIO-4-XC: AC500 Communication module. PROFINET IO RT device. 4 devices. 2 Ethernet interfaces. Switch. eXtreme Conditions

---

## Ordering

Country of Origin	Germany (DE) United States (US) Finland (FI)
CN8	85389091
Invoice Description	Communication module. PROFINET IO RT device. 4 devices (CM589-PNIO-4-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

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## Dimensions

Product Net Weight	0.103 kg 62 mm
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**Length**

Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.136 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

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**Technical**

Function	PROFINET IO RT device. 4 devices
Communication Interface	Serial
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
Data Transmission Rate	100000 kbit/s
Degree of Protection	IP20

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**Additional Information**

Product Main Type	CM589
Product Name	Distributed Automation PLCs

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**Classifications**

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

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**Environmental**

SCIP	7055f7ed-0edf-491b-816f-ac0ae788c83c 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

# CM589-PNIO-XC

Communication module. PROFINET IO RT device (CM589-PNIO-XC)



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## General Information

Extended Product Type	CM589-PNIO-XC
Product ID	1SAP372900R0011
ABB Type Designation	CM589-PNIO-XC
EAN	4016779921671
Catalog Description	Communication module. PROFINET IO RT device (CM589-PNIO-XC)
Long Description	CM589-PNIO-XC: AC500 Communication module. PROFINET IO RT device. 2 Ethernet interfaces. Switch. eXtreme Conditions

---

## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Communication module. PROFINET IO RT device (CM589-PNIO-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

---

## Dimensions

Product Net Weight	0.103 kg
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Product Net Depth / Length	62 mm
Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.136 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

## Technical

Function	PROFINET IO RT device
Communication Interface	Serial
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
Data Transmission Rate	100000 kbit/s
Degree of Protection	IP20

## Additional Information

Product Main Type	CM589
Product Name	Distributed Automation PLCs

## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

## Environmental

SCIP	b9ab3b40-8cc5-4ed4-bf2d-af7a6980e498 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

# CM592-DP

## Communication module. PROFIBUS master (CM592-DP)



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### General Information

Extended Product Type	CM592-DP
Product ID	1SAP173200R0001
ABB Type Designation	CM592-DP
EAN	4013614506239
Catalog Description	Communication module. PROFIBUS master (CM592-DP)
Long Description	CM592-DP: AC500 Communication module. PROFIBUS master. 1 serial interface RS485.

---

### Ordering

Country of Origin	Germany (DE) United States (US) Finland (FI)
CN8	85389091
Invoice Description	Communication module. PROFIBUS master (CM592-DP)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

---

### Dimensions

Product Net Weight	0.092 kg
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Product Net Depth / Length	62 mm
Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.125 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

## Technical

Function	PROFIBUS master
Communication Protocol	PROFIBUS Master
Communication Interface	Serial
Number of Hardware Interfaces	RS-485 1
Data Transmission Rate	12000 kbit/s
Degree of Protection	IP20

## Additional Information

Product Main Type	CM592
Product Name	Distributed Automation PLCs

## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

## Environmental

SCIP	6bc87e4e-31f4-41df-b4ee-46080855c0d8 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

# CM592-DP-XC

## Communication module. PROFIBUS master (CM592-DP-XC)



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### General Information

Extended Product Type	CM592-DP-XC
Product ID	1SAP373200R0001
ABB Type Designation	CM592-DP-XC
EAN	4013614506246
Catalog Description	Communication module. PROFIBUS master (CM592-DP-XC)
Long Description	CM592-DP-XC: AC500 Communication module. PROFIBUS master. 1 serial interface RS485. eXtreme Conditions

---

### Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Communication module. PROFIBUS master (CM592-DP-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

---

### Dimensions

Product Net Weight	0.101 kg
Product Net Depth / Length	62 mm

Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.134 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

---

## Technical

Function	PROFIBUS master
Communication Interface	Serial
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
Data Transmission Rate	12000 kbit/s
Degree of Protection	IP20

---

## Additional Information

Product Main Type	CM592
Product Name	Distributed Automation PLCs

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## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

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## Environmental

SCIP	ce4e4e95-d4fe-44ba-b2c8-e268fd5b8063 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

# CM597-ETH

Communication module. Protocols: TCP/P, UDP, Modbus TCP (CM597-ETH)



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## General Information

Extended Product Type	CM597-ETH
Product ID	1SAP173700R0001
ABB Type Designation	CM597-ETH
EAN	4013614493560
Catalog Description	Communication module. Protocols: TCP/P, UDP, Modbus TCP (CM597-ETH)
Long Description	CM597-ETH: AC500 Communication module. Protocols: TCP/P, UDP, Modbus TCP. 2 Ethernet interfaces. Switch.

---

## Ordering

Country of Origin	Germany (DE) United States (US) Finland (FI)
CN8	85389091
Invoice Description	Communication module. Protocols: TCP/P, UDP, Modbus TCP (CM597-ETH)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

---

## Dimensions

Product Net Weight	0.101 kg
Product Net Depth / Length	62 mm

Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.134 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

---

## Technical

Function	Protocols: TCP/P, UDP, Modbus TCP
Communication Interface	Serial
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
Data Transmission Rate	100000 kbit/s
Degree of Protection	IP20

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## Additional Information

Product Main Type	CM597
Product Name	Distributed Automation PLCs

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## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

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## Environmental

SCIP	30ee6bb1-24de-4866-be37-4a857c1c51cf Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

---

PRODUCT-DETAILS

# CM597-ETH-XC

Communication module. Protocols: TCP/P, UDP, Modbus TCP (CM597-ETH-XC)



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## General Information

Extended Product Type	CM597-ETH-XC
Product ID	1SAP373700R0001
ABB Type Designation	CM597-ETH-XC
EAN	4013614493577
Catalog Description	Communication module. Protocols: TCP/P, UDP, Modbus TCP (CM597-ETH-XC)
Long Description	CM597-ETH-XC: AC500 Communication module. Protocols: TCP/P, UDP, Modbus TCP. 2 Ethernet interfaces. Switch. eXtreme Conditions

---

## Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Communication module. Protocols: TCP/P, UDP, Modbus TCP (CM597-ETH-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	0.102 kg
Product Net Depth / Length	62 mm
Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.136 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

## Technical

Function	Protocols: TCP/P, UDP, Modbus TCP
Communication Interface	Serial
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
Data Transmission Rate	100000 kbit/s
Degree of Protection	IP20

## Additional Information

Product Main Type	CM597
Product Name	Distributed Automation PLCs

## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

## Environmental

SCIP	86906f64-a792-4096-b64b-18e0c7825bcd Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

---

PRODUCT-DETAILS

# CM598-CN

## Communication module. CANopen master (CM598-CN)



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### General Information

Extended Product Type	CM598-CN
Product ID	1SAP173800R0001
ABB Type Designation	CM598-CN
EAN	4013614506253
Catalog Description	Communication module. CANopen master (CM598-CN)
Long Description	CM598-CN: AC500 Communication module. CANopen master. 1 CAN interface.

---

### Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Communication module. CANopen master (CM598-CN)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

---

### Dimensions

Product Net Weight	0.088 kg 62 mm
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Length	
Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.132 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

## Technical

Function	CANopen master
Communication Interface	Serial
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
Data Transmission Rate	1000 kbit/s
Degree of Protection	IP20

## Additional Information

Product Main Type	CM598
Product Name	Distributed Automation PLCs

## Classifications

eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

## Environmental

SCIP	cc23a5d1-f4ef-44ef-98eb-08f1b2c88df9 Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

---

PRODUCT-DETAILS

# CM598-CN-XC

## Communication module. CANopen master (CM598-CN-XC)



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### General Information

Extended Product Type	CM598-CN-XC
Product ID	1SAP373800R0001
ABB Type Designation	CM598-CN-XC
EAN	4013614506260
Catalog Description	Communication module. CANopen master (CM598-CN-XC)
Long Description	CM598-CN-XC: AC500 Communication module. CANopen master. 1 CAN interface. eXtreme Conditions

---

### Ordering

Country of Origin	Germany (DE) Finland (FI)
CN8	85389091
Invoice Description	Communication module. CANopen master (CM598-CN-XC)
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece

---

### Dimensions

Product Net Weight	0.095 kg
Product Net Depth / Length	62 mm

Product Net Height	135 mm
Product Net Width	28 mm
Gross Weight	0.139 kg
Package Level 1 Depth / Length	147 mm
Package Level 1 Height	40 mm
Package Level 1 Width	78 mm
Package Level 1 Units	1 carton

---

## Technical

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Function	CANopen master
Communication Interface	Serial
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
Data Transmission Rate	1000 kbit/s
Degree of Protection	IP20

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## Additional Information

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Product Main Type	CM598
Product Name	Distributed Automation PLCs

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## Classifications

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eClass	27-24-22-08
EPLAN Catalog Tree	Electrical engineering / PLC / General
ETIM 8	EC001423 - PLC communication module
UNSPSC	32151705

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## Environmental

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SCIP	68629346-10b8-4612-9af0-957ae3ef62ad Germany (DE)
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

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