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Gateway for the connection of up to 32 INTERFACE system devices to a higher-level controller via EtherNet/ IP™. The INTERFACE system devices are connected to the Gateway via DIN rail connectors, the DIN rail connectors are provided.



## **Key Commercial Data**

Packing unit	1 pc
Weight per Piece (excluding packing)	200.0 g
Custom tariff number	85176200
Country of origin	Germany

### Technical data

#### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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#### Device supply

Rated control circuit supply voltage U <sub>S</sub>	24 V DC -20 % +25 %
Rated control supply current I <sub>s</sub>	85 mA (plus load current of the outputs)
Protective circuit	Reverse polarity protection
	Surge protection

### Digital inputs

Number	8
Rated actuating voltage U <sub>C</sub>	24 V DC ±20 %
Rated actuating current I <sub>C</sub>	3 mA
Protective circuit	Reverse polarity protection

### Digital outputs

Designation	Switching outputs
Number	4



## Technical data

## Digital outputs

Note on protection circuit	Fusing with max. 8 A F-fuse
Residual voltage	1 V
Maximum switching voltage	23 V DC (U <sub>B</sub> - U <sub>resid.</sub> of the output)
Max. switching current	500 mA
Protective circuit	Parallel protection against polarity reversal, pay attention to the fuse

## Connection data supply

Connection name	Supply
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.2 mm² 2 mm²
Conductor cross section flexible	0.2 mm² 2.5 mm²
Conductor cross section AWG	12 24

## Connection data programming connection

Connection name	Programming connection
Connection method	S-PORT (socket)
Number of connections	1
Number of positions	12

## Connection data INTERFACE system

Connection name	INTERFACE system
Connection method	DIN rail bus connectors
Number of connections	1
Number of positions	5

### Connection data BUS connection

Connection name	Ethernet/IP™
Connection method	RJ45
Number of connections	1

### General

Operating mode	100% operating factor
Degree of protection	IP20
Standards/regulations	EN 50178
Degree of pollution	2
Overvoltage category	III
Mounting position	any
Assembly instructions	In rows with zero spacing



## Technical data

### General

Mounting type	DIN rail mounting
Housing material	Polyamide PA non-reinforced
Color	green

#### Serial interface

Interface 1	IFS interface
Serial transmission speed	76.8 kbps
Connection method	DIN rail bus connectors
Interface 2	EtherNet/IP™
Serial transmission speed	100 Mbps
Connection method	RJ45 socket

### Ambient conditions

Ambient temperature (operation)	-25 °C 50 °C
Ambient temperature (storage/transport)	-35 °C 80 °C

#### Dimensions

Width	22.5 mm
Height	99 mm
Depth	114.5 mm

## Standards and Regulations

Standards/regulations	EN 50178
Degree of pollution	2
Overvoltage category	III

## Classifications

## eCl@ss

eCl@ss 4.0	27371190
eCl@ss 4.1	27371190
eCl@ss 5.0	27371692
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27242608

### **ETIM**

ETIM 3.0	EC000066
ETIM 4.0	EC000066



## Classifications

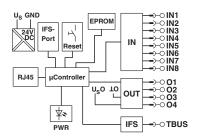
ETIM		
ETIM 5.0	EC001604	
UNSPSC		
UNSPSC 6.01	30211915	
UNSPSC 7.0901	39121514	
UNSPSC 11	39121514	
UNSPSC 12.01	39121514	
UNSPSC 13.2	39121514	
Approvals		
Approvals		
Approvals		
UL Listed / cUL Listed / cULus Listed		
Ex Approvals		
Approvals submitted		
Approval details		
UL Listed		
cUL Listed • • • • • • • • • • • • • • • • • • •		

Drawings

cULus Listed • 🐠 😘



### Block diagram



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