

## Data interface - EM-PNET-GATEWAY-IFS - 2904472

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Gateway for the connection of up to 32 INTERFACE system devices via PROFINET to a higher-level controller. 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	85389091
Country of origin	Germany

### Technical data

#### Device supply

Rated control supply voltage $U_s$	24 V DC -20 % ... +25 %
Rated control supply current $I_s$	85 mA (plus load current of the outputs)
Protective circuit	Protection against polarity reversal
	Surge protection

#### Digital inputs

Number	8
Rated actuating voltage $U_c$	24 V DC $\pm$ 20 %
Rated actuating current $I_c$	3 mA
Protective circuit	Protection against polarity reversal

#### Digital outputs

Designation	Switching outputs
Number	4
Note on protection circuit	Fusing with max. 8 A F-fuse
Residual voltage	1 V
Maximum switching voltage	23 V DC ( $U_B - U_{resid.}$ of the output)

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### Technical data

#### Digital outputs

Max. switching current	500 mA (per output)
Protective circuit	Parallel protection against polarity reversal, pay attention to the fuse

#### Connection data supply

Connection name	COMBICON connection
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2 mm <sup>2</sup>
Conductor cross section AWG min.	12
Conductor cross section AWG max.	24
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>
Screw thread	M3
Connection method	Screw connection
Stripping length	8 mm

#### Connection data programming connection

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

#### Connection data INTERFACE system

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

#### Connection data BUS connection

Connection name	PROFINET
Number of connections	2
Connection method	RJ45

#### General

Operating mode	100% operating factor
Degree of protection	IP20
Standards/regulations	EN 61131-2
Pollution degree	2
Overvoltage category	III
Mounting position	any
Assembly instructions	In rows with zero spacing

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### 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	PROFINET
Serial transmission speed	10/100 Mbps
Connection method	RJ45 socket

#### Ambient conditions

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

#### Dimensions

Width	22.5 mm
Height	99 mm
Depth	114.5 mm

### Classifications

#### eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371601
eCl@ss 5.1	27371601
eCl@ss 6.0	27371601
eCl@ss 7.0	27371601
eCl@ss 8.0	27242608

#### ETIM

ETIM 3.0	EC000066
ETIM 4.0	EC002498
ETIM 5.0	EC001604

#### UNSPSC

UNSPSC 6.01	30211915
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## Classifications

### UNSPSC

UNSPSC 7.0901	39121514
UNSPSC 11	39121514
UNSPSC 12.01	39121514
UNSPSC 13.2	39121514

## Approvals

### Approvals

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Approvals

UL Listed / cUL Listed / cULus Listed

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Ex Approvals

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Approvals submitted

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### Approval details

UL Listed 

cUL Listed 

cULus Listed 

## Drawings

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Block diagram

