

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 ²
Conductor cross section solid max.	2 mm ²
Conductor cross section AWG min.	12
Conductor cross section AWG max.	24
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
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


Approvals


UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approvals submitted

Approval details

UL Listed 

cUL Listed 

cULus Listed 

Drawings

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Block diagram

