

Proxy - FL PN/IBS - 2832111


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



PROFINET INTERBUS proxy



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 043946
GTIN	4046356043946

Technical data

Dimensions

Width	45 mm
Height	99 mm
Depth	117 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Permissible humidity (operation)	30 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	30 % ... 95 % (non-condensing)
Air pressure (operation)	86 kPa ... 108 kPa (1500 m above sea level)
Air pressure (storage/transport)	66 kPa ... 108 kPa (3500 m above sea level)

Interfaces

Interface 1	Ethernet
No. of ports	1
Transmission speed	10/100 Mbps
Transmission length	100 m
Interface 3	Diagnostics INTERBUS

Proxy - FL PN/IBS - 2832111

Technical data

Interfaces

Connection method	6-pos. MINI-DIN female connector
Transmission speed	9600 bps

PROFINET

Device function	PROFINET-IO Proxy
Specification	PROFINET-IO RT, spec. 2.x
Update rate	min. 4 ms

Function

Basic functions	PROFINET device
	Ethernet: Terminal equipment, complies with IEEE 802.3, TCP/IP protocol, BootP and TFTP-capable
	INTERBUS: Generation 4 master
Supported browsers	Netscape Communicator versions 4.5 and up or Internet Explorer versions 4.01 and up
PROFINET device function	PROFINET-IO Proxy
PROFINET specification	PROFINET-IO RT, spec. 2.x
PROFINET conformance class	A
Status and diagnostic indicators	Two-digit, seven-segment display and LEDs: UL (communications voltage), COL (collision), Link, Receive, Transmit, SF, BF, INTERBUS: RDY/RUN, BSA, FAIL, PF
Number of supported devices	62
Amount of process data	256 words
Number of devices with parameter channel	0

Supply voltage

Supply voltage	24 V DC (via COMBICON; max. conductor cross section 2.5 mm ²)
Residual ripple	3.6 V _{PP} (within the permitted voltage range)
Supply voltage range	18.5 V DC ... 30.2 V DC
Typical current consumption	200 mA (to U _S)

Mechanical tests

Type of test	Shock in acc. with EN 60068-2-27/IEC 60068-2-27
Test result	Operation: 25g, 11 ms duration, semi-sinusoidal shock impulse
Type of test	Shock in acc. with EN 60068-2-27/IEC 60068-2-27
Test result	Storage/Transport: 50g, 11 ms duration, semi-sinusoidal shock impulse
Type of test	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6
Test result	Operation/Storage/Transport: 5g, 150 Hz, Criterion 3
Type of test	Free fall in acc. with IEC 60068-2-32
Test result	1 m

Conformity with EMC directives

Developed in acc. with standard	IEC 61000-6.2
Test standard	IEC 61000-4-2 (ESD)
Test result	Criterion B

Proxy - FL PN/IBS - 2832111

Technical data

Conformity with EMC directives

Test standard	IEC 61000-4-3 (immunity to radiated interference)
Test result	Criterion A
Test standard	IEC 61000-4-4 (burst)
Test result	Criterion B
Test standard	IEC 61000-4-5 (surge)
Test result	Criterion B
Test standard	IEC 61000-4-6 (immunity to conducted interference)
Test result	Criterion A
Test standard	EN 55011 (emitted interference)
Test result	Class A

General

Mounting type	DIN rail
Type AX	Stand-Alone
Net weight	282.9 g

Standards and Regulations

Electromagnetic compatibility	Conformance with EMC directive 89/336/EC
Type of test	Shock in acc. with EN 60068-2-27/IEC 60068-2-27
Test result	Operation: 25g, 11 ms duration, semi-sinusoidal shock impulse
Type of test	Shock in acc. with EN 60068-2-27/IEC 60068-2-27
Test result	Storage/Transport: 50g, 11 ms duration, semi-sinusoidal shock impulse
Type of test	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6
Test result	Operation/Storage/Transport: 5g, 150 Hz, Criterion 3
Type of test	Free fall in acc. with IEC 60068-2-32
Test result	1 m
Noise emission	EN 50081-2
Noise immunity	EN 61000-6-2:2005
Free from substances that could impair the application of coating	In acc. with VW specification

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[2832111](#)