

Security gateway - FL PN/PN SDIO-2TX/2TX - 2700651

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>)

Safe PROFINET gateway, IP20 protection, for connecting two PROFINET systems, up to 128 byte standard I/O process data via PROFINET, up to 11 byte safe I/O process data via PROFIsafe



Product description

The function of the safe FL PN/PN SDIO-2TX/2TX PROFINET gateway is to copy safety-related and non-safety-related I/O data from a PROFINET system 1 to a PROFINET system 2, and vice versa.

Product Features

- ✓ Industrial gateway for connecting two PROFINET/PROFIsafe networks
- ✓ Supports safety functions up to SIL 3, PL e, Cat. 4
- ✓ Coupling of safe and standard I/O data
- ✓ Supports redundant power supply
- ✓ Control-independent use supported
- ✓ Can be used specifically for safety functions across all control systems
- ✓



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	740.0 GRM
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
-------------------------	---

Dimensions

Security gateway - FL PN/PN SDIO-2TX/2TX - 2700651

Technical data

Dimensions

Width	130 mm
Height	27 mm
Depth	145 mm
Note on dimensions	Housing dimensions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	10 % ... 85 % (non-condensing)
Permissible humidity (storage/transport)	10 % ... 85 % (non-condensing)
Air pressure (operation)	80 kPa ... 108 kPa (up to 2000 m above sea level)
Air pressure (storage/transport)	66 kPa ... 108 kPa (up to 3500 m above mean sea level)
Degree of protection	IP20

Power supply for module electronics

Supply voltage	24 V DC
Supply voltage range	18.5 V DC ... 30 V DC (including ripple)
Ripple	3.6 V _{pp}
Current consumption	max. 250 mA
Type of protection	Polarity protection, surge protection

General

Net weight	727.5 g
Mounting type	DIN rail
Protection class	III, IEC 61140, EN 61140, VDE 0140-1
Category according to EN 13849-1	4

Classifications

eCl@ss

eCl@ss 4.0	27250594
eCl@ss 4.1	27240494
eCl@ss 5.0	27242218
eCl@ss 5.1	27250501
eCl@ss 6.0	27250501
eCl@ss 7.0	27250501

ETIM

ETIM 3.0	EC001045
----------	----------

Security gateway - FL PN/PN SDIO-2TX/2TX - 2700651

Classifications

ETIM

ETIM 4.0	EC001604
ETIM 5.0	EC001604

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201410
UNSPSC 13.2	43201410

Approvals

Approvals

Approvals

PROFIBUS / PROFIsafe / UL Listed / cUL Listed / PROFIBUS / PROFIsafe / cULus Listed

Ex Approvals

Approvals submitted

Approval details

PROFIBUS

PROFIsafe

UL Listed 

cUL Listed 

Security gateway - FL PN/PN SDIO-2TX/2TX - 2700651

Approvals

PROFIBUS

PROFIsafe

cULus Listed 

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com