

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 

单击下面可查看定价，库存，交付和生命周期等信息

[>>Phoenix Contact\(菲尼克斯\)](#)