![Chipsmall logo]

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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

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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

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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

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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

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Ex Approvals

Approvals submitted

Approval details

PROFIBUS

PROFIsafe

UL Listed

cUL Listed

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Approvals

PROFIBUS

PROFIsafe

cULus Listed