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Distributed I/O device - RL PN 24-2 DIO 8/8 2SCRJ - 2773513

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Digital I/O device for PROFINET; fiber optic connections to SC-RJ standard, 2-port switch, 100Base-FX, fast startup, SNMPv2, TFTP, LLDP, PDev, eight inputs and outputs (24 V DC, max. 0.5 A), push/pull connection method, rugged metal housing, degree of protection IP67

Why buy this product

- Rugged metal housing
- Comprehensive diagnostic functions
- M12 connector for I/O devices
- Push/pull connector for PROFINET, either with fiber optic or twisted pair
- Push/pull connector for supply voltage



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 283342

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	182.5 mm
Height	71.5 mm
Depth	79.8 mm
Note on dimensions	Without connector, with mounting plate

Ambient conditions

Ambient temperature (operation)	-20 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	100 %
Permissible humidity (storage/transport)	95 % (non-condensing)
Air pressure (operation)	860 hPa ... 1080 hPa (up to 1500 m above mean sea level)

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Technical data

Ambient conditions

Air pressure (storage/transport)	660 hPa ... 1080 hPa (up to 3500 m above mean sea level)
Degree of protection	IP65/IP67

General

Net weight	1195.5 g
Note on weight specifications	Without plug or mounting plate
Mounting type	Wall mounting
Note	Seal unused slots/connections to ensure the degree of protection.
Mounting type	On mounting plate

Interfaces

Fieldbus system	PROFINET
Designation	PROFINET
Connection method	VARIOSUB push-pull connectors
Transmission speed	10/100 MBit/s (auto negotiation)
Transmission physics	FO

Power supply for module electronics

Connection method	VARIOSUB push-pull connectors
Designation	US1
Supply voltage	24 V DC
Supply voltage range	18.5 V DC ... 30 V DC (including ripple)
Ripple	Max 3.6 V _{SS} within the permissible voltage range

Digital inputs

Input name	Digital inputs
Connection method	M12 connector
	2, 3, 4-wire
Number of inputs	8
Protective circuit	Electronic short-circuit/overload protection for each group Protection against polarity reversal
Input characteristic curve	IEC 61131-2 type 1

Standards and Regulations

Test section	Between bus logic and outputs 500 V AC 50 Hz 1 min.
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

Classifications

eCl@ss

eCl@ss 4.0	27240404
eCl@ss 4.1	27240404
eCl@ss 5.0	27242204
eCl@ss 5.1	27242604

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Classifications

eCl@ss

eCl@ss 6.0	27242604
eCl@ss 7.0	27242604
eCl@ss 8.0	27242604
eCl@ss 9.0	27242604

ETIM

ETIM 4.0	EC001599
ETIM 5.0	EC001599

UNSPSC

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

Approvals

Approvals

Approvals

PROFIBUS / UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approvals submitted

Approval details

PROFIBUS

UL Listed

cUL Listed

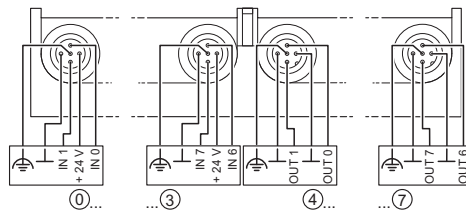
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Approvals

cULus Listed

Drawings

Connection diagram



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Product	Code	Reference	Product link
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