IB IL 24 PSDO 4/4-PLSET/CP/R - Connector set

2700721

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Connector set, consisting of four Inline plugs with integrated discharge electronics



Product description

Connector set, consisting of four Inline plugs with integrated discharge electronics.
It optimizes the diagnostic options and fault detection of your safety application in the case of operating external capacitive loads or cable capacitances at PSDO outputs.
When using this connector set, the typical discharge time (t_{off}) at 3.3 µF/24 V is reduced to approx. 400 µs (30 V, t_{off} approx. 600 µs) per channel.

Commercial data

Item number	2700721
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DNA43Z
GTIN	4046356651066
Weight per piece (including packing)	121.1 g
Weight per piece (excluding packing)	121.1 g
Country of origin	DE

Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type	Connector set
Application	Inline terminals
	Functional safety

Connection data

Inline connector

Connection method	Spring-cage connection
Conductor cross-section, rigid	0.2 mm² ... 1.5 mm²
Conductor cross-section, flexible	0.2 mm² ... 1.5 mm²
Conductor cross-section AWG	24 ... 16

Dimensions

Width	12.2 mm
Height	138 mm
Depth	34 mm
Note on dimensions	for each connector

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 55 °C
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 sea level)
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	10 % ... 85 % (Take suitable measures against increased air humidity within the permitted temperature range.)
Permissible humidity (storage/transport)	10 % ... 85 % (Take suitable measures against increased air humidity within the permitted temperature range.)

Standards and regulations

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)

Classifications

ECLASS

ECLASS-13.0	27242692
ECLASS-15.0	27242692

ETIM

ETIM 10.0	EC002584

UNSPSC

UNSPSC 21.0	32151600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol(CAS: 79-94-7)

EF3.1 Climate Change

CO2e kg	0.467 kg CO2e

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com