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Inline function terminal - IB IL DALI-PAC - 2897910

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1-channel DALI master; extension for IB IL DALI/PWR-PAC



Product Description

The terminal is designed for use within an Inline station. It represents a DALI master which can control up to 63 DALI control gears. The IB IL DALI-PAC is an extension terminal for the IB IL DALI/PWR-PAC. Up to 3 IB IL DALI-PAC can be connected downstream of the IB IL DALI/PWR-PAC.

Why buy this product

- DALI master without integrated DALI bus supply
- DALI bus protected against unintentional connection of mains voltage (up to 250 V AC)
- Diagnostic and status indicators

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 133074

Technical data

Dimensions

Width	12.2 mm
Height	119.8 mm
Depth	71.5 mm
Note on dimensions	Housing dimensions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	10 % ... 95 % (according to DIN EN 61131-2)
Permissible humidity (storage/transport)	10 % ... 95 % (according to DIN EN 61131-2)
Air pressure (operation)	80 kPa ... 106 kPa (up to 2000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection	IP20

Connection data

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Technical data

Connection data

Designation	Inline connector
Connection method	Spring-cage connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.08 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Stripping length	8 mm

Interfaces

Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kBit/s
Designation	DALI

Power supply for module electronics

Connection method	Inline potential jumper
Supply voltage	24 V DC (nominal value)
Supply voltage range	19.2 V DC ... 30 V DC
Communications power U _L	7.5 V (via voltage jumper)

General

Net weight	57 g
Note on weight specifications	with connectors
Mounting type	DIN rail

Inline potentials

Communications power U _L	7.5 V
Current consumption from U _L	max. 38 mA

Standards and Regulations

Protection class	III, IEC 61140, EN 61140, VDE 0140-1
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Classifications

eCl@ss

eCl@ss 4.0	27250203
eCl@ss 4.1	27250203
eCl@ss 5.0	27250203
eCl@ss 5.1	27242608
eCl@ss 6.0	27242608
eCl@ss 7.0	27242608

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Classifications

eCl@ss

eCl@ss 8.0	27242608
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ETIM

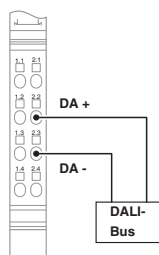
ETIM 2.0	EC001434
ETIM 3.0	EC001604
ETIM 4.0	EC001601
ETIM 5.0	EC001604

UNSPSC

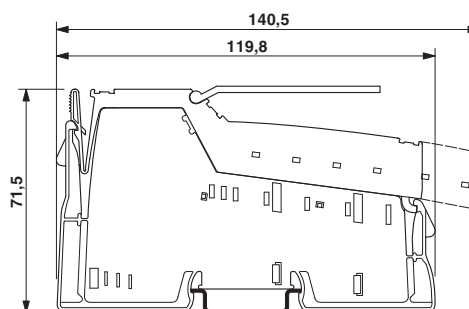
UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Drawings

Connection diagram



Dimensional drawing



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