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Inline function terminal - IB IL DALI/PWR-PAC - 2897813

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1-channel DALI master; with integrated DALI power supply unit; reliable electrical isolation

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/PWR-PAC has an integrated DALI power supply unit. It can be extended with 3 additional DALI IB IL DALI-PAC masters.

Why buy this product

- Function blocks for PC Worx are available
- Up to 64 DALI devices per master terminal
- Protection of the DALI bus against accidental connection of the mains voltage (up to 250 V AC)
- Indicators for diagnostics, transmission, and reception
- Safe electrical isolation of the DALI bus

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 133067

Technical data

Dimensions

Width	48.8 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

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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	194 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
Main circuit supply U _M	24 V DC
Current consumption from U _M	max. 441 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

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Classifications

eCl@ss

eCl@ss 6.0	27242608
eCl@ss 7.0	27242608
eCl@ss 8.0	27242608

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

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

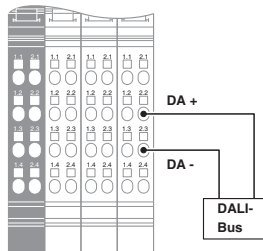
Approval details

EAC

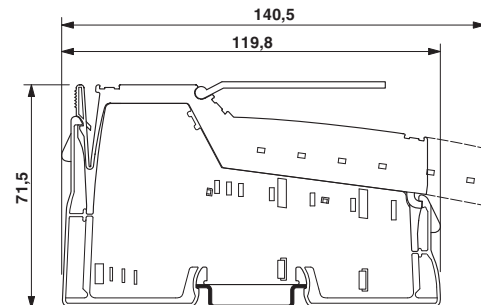
Drawings

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Connection diagram



Dimensional drawing



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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



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