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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.

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Communication module - IB IL DALI-PAC - 2897910

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Inline, DALI master, Extension for IB IL DALI/PWR-PAC, transmission speed in the local bus: 500 kbps, including Inline connector and labeling field

Product Description

The terminal is designed for use within an Inline station. It represents a DALI master that can control up to 63 DALI ballasts. 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	
GTIN	4046356133074

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 ... 60 °C (Observe derating when using terminal IB IL DALI/PWR-PAC, see data sheet DB EN IB IL DALI/PWR-PAC.)
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	10 % ... 95 % (non-condensing)

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Technical data

Ambient conditions

Permissible humidity (storage/transport)	10 % ... 95 % (non-condensing)
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

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.	0.2 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 kbps
Designation	DALI
Connection method	Inline connector
Supply voltage	typ. 14 V DC (Bus voltage)
Current carrying capacity	max. 128 mA (Bus load: observe the derating of terminal IB IL DALI/PWR-PAC.)
Output current with short-circuit	max. 250 mA
Transmission speed	1200 bps
Type of protection	Bus protected up to 250 V AC, maximum

General

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

Inline potentials

Designation	Communications power (U _L)
Supply voltage	7.5 V DC
Current consumption	max. 38 mA
Designation	DALI supply voltage U _{DALI}
Current consumption	126 mA

Standards and Regulations

Protection class	III, IEC 61140, EN 61140, VDE 0140-1
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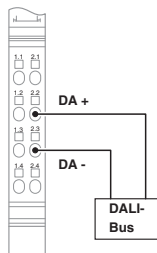
Technical data

Environmental Product Compliance

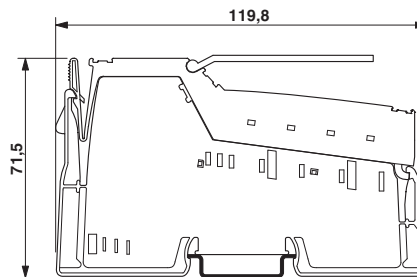
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Connection diagram



Dimensional drawing



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