

Inline function terminal - IB IL RS 232-PAC - 2861357

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Inline RS-232 function terminal block, for serial data transmission, complete with accessories (connector and labeling field), 1 serial input and output channel in RS-232 design

Product Description


The terminal is designed for use within an Inline station. It is used to operate standard I/O devices with serial interfaces on a bus system.

Why buy this product

- Support of various protocols (e.g., end-to-end protocol)
- Communication via acyclic services (PCP) or process data (PRO versions)



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 894290
GTIN	4017918894290

Technical data

Note

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

Width	24.4 mm
Height	136.8 mm
Depth	71.5 mm

Connection data

Designation	Inline connector
Connection method	Spring-cage connection
Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	1.5 mm ²

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Connection data

Conductor cross section flexible min.	0.08 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section AWG min.	28
Conductor cross section AWG max.	16
Stripping length	8 mm

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)
Degree of protection	IP20

General

Mounting type	DIN rail
Net weight	135 g

Interfaces

Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kbps
Interface	RS-232
Connection method	Spring-cage connection
Data bits	7 or 8
Stop bits	1 or 2
Input buffer	4 kByte
Output buffer	1 kByte

Inline potentials

Designation	Communications power (U _L)
Supply voltage	7.5 V DC (via voltage jumper)
Current consumption	typ. 155 mA
	max. 225 mA (all connections of the serial interface are short-circuited)

Serial input/output channel

Parity	Even, odd or no parity
Transmission type	Transparent mode, end-end mode, dual buffer mode, 3964R, XON/XOFF

Standards and Regulations

Connection in acc. with standard	CUL
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
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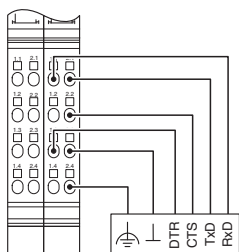
Technical data

Environmental Product Compliance

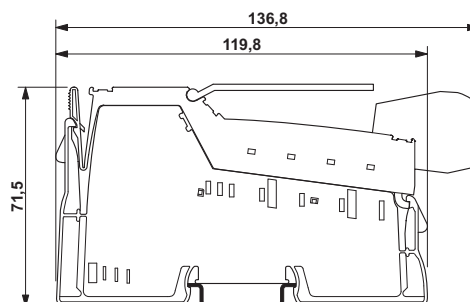
	No hazardous substances above threshold values
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Drawings

Connection diagram



Dimensional drawing



Approvals

Approvals

Approvals

UL Recognized / LR / BV / ABS / RINA / BSH / EAC / DNV GL




Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
LR		http://www.lr.org/en	08/20033
BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	21595/B0 BV

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Approvals

ABS		http://www.eagle.org/eagleExternalPortalWEB/	17-HG1621871-PDA
RINA		http://www.rina.org/en	ELE183315XG
BSH		http://www.bsh.de/de/index.jsp	Anwenderhinweis
EAC			EAC-Zulassung
DNV GL		http://exchange.dnv.com/tari/	TAA00001KV

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