

IB IL RS 485/422-PRO-PAC/10 - Inline function terminal



2897143

<https://www.phoenixcontact.com/us/products/2897143>

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Inline RS-485/422 function terminal, for serial data transmission, complete with accessories (connector and labeling field), 1 serial input and output channel in RS-485/422 design, pure process data communication

Commercial data

Item number	2897143
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	DR19
Product key	DRI151
GTIN	4046356139007
Weight per piece (including packing)	138.31 g
Weight per piece (excluding packing)	135 g
Customs tariff number	85389091
Country of origin	DE

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Technical data

Notes

Note on application

Note on application	Only for industrial use
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Utilization restriction

CCCex note	Use in potentially explosive areas is not permitted in China.
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Material specifications

Color (Housing)	green (RAL 6021)
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Interfaces

Inline local bus

Connection method	Inline data jumper
Transmission speed	500 kbps

Product properties

Product type	I/O component
Type	modular

Electrical properties

Maximum power dissipation for nominal condition	6.24 W
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Potentials: Communications power (U_L)

Supply voltage	7.5 V DC (via voltage jumper)
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Connection data

Connection method	Spring-cage connection
Stripping length	8 mm

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
Degree of protection	IP20
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	75 % ... 85 % (in the range of -25°C ... +55°C, appropriate measures against increased humidity (> 85%) must be taken.)
Permissible humidity (storage/transport)	75 % ... 85 % (Slight temporary condensation may sometimes appear on the housing, e.g. when the terminal block is brought out of a vehicle into an enclosed room.)

Standards and regulations

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

Mounting type	DIN rail mounting
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Approvals

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cULus Recognized
Approval ID: E140324



cULus Listed
Approval ID: E199827

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Classifications

ECLASS

ECLASS-13.0	27242608
ECLASS-15.0	27242608

ETIM

ETIM 10.0	EC001604
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UNSPSC

UNSPSC 21.0	32151600
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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)
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