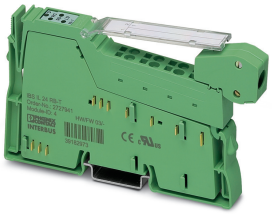
Branch terminal - IBS IL 24 RB-T-PAC - 2861441

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INTERBUS branch terminal, complete with accessories (connector plug and labeling field), with remote bus branch, 24 V DC

Your advantages

- Diagnostic and status indicators

Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 894375
GTIN	4017918894375
Weight per Piece (excluding packing)	89.200 g
Custom tariff number	85389099
Country of origin	Germany

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
	Use in potentially explosive areas is not permitted in China.

Dimensions

Width	12.2 mm
Height	135 mm
Depth	71.5 mm

Ambient conditions

Branch terminal - IBS IL 24 RB-T-PAC - 2861441

Technical data

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)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection	IP20

Interfaces

Designation	INTERBUS
Connection method	Inline data jumper
Transmission speed	500 kbps
Designation	INTERBUS
Connection method	Inline shield connector
Transmission speed	500 kbps
Transmission physics	RS-485
Designation	Inline local bus
Connection method	Inline data jumper
Transmission physics	Copper

Inline potentials

Designation	Supply of analog modules (U_{ANA})
Supply voltage	24 V DC (via voltage jumper)
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Current consumption	typ. 29 mA

General

Mounting type	DIN rail
Color	green
Net weight	67 g
Note on weight specifications	with connector

Electrical isolation

Test section	5 V supply, incoming remote bus, 5 V supply outgoing remote bus, 5 V supply logic 500 V AC 50 Hz 1 min.
	Remote bus branch 500 V AC 50 Hz 1 min.
	Functional ground 500 V AC 50 Hz 1 min.

Standards and Regulations

Connection in acc. with standard	CUL

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Technical data

Standards and Regulations

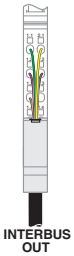
Protection class	III (IEC 61140, EN 61140, VDE 0140-1)

Environmental Product Compliance

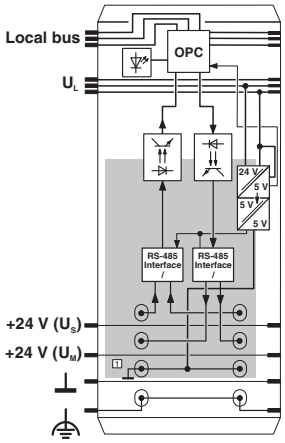
REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Connection diagram

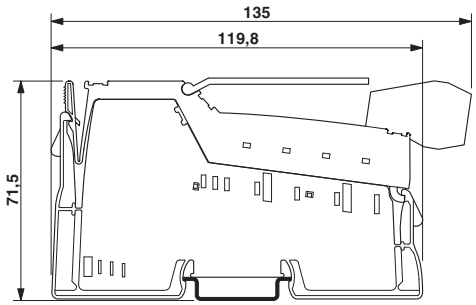


Block diagram



Internal wiring of the terminal points

Dimensional drawing



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Classifications

eCl@ss

eCl@ss 10.0.1	27242608
eCl@ss 11.0	27242608
eCl@ss 4.0	27250200
eCl@ss 4.1	27250200
eCl@ss 5.0	27250200
eCl@ss 5.1	27242600
eCl@ss 6.0	27242600
eCl@ss 7.0	27242608
eCl@ss 8.0	27242608
eCl@ss 9.0	27242608

ETIM

ETIM 2.0	EC001434
ETIM 3.0	EC001604
ETIM 4.0	EC001604
ETIM 5.0	EC001604
ETIM 6.0	EC001604
ETIM 7.0	EC001604

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	32151602
UNSPSC 18.0	32151602
UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602

Approvals

Approvals

Approvals

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

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Approvals

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approval details

DNV GL	https://approvalfinder.dnvgl.com/	TAA00000BN
BSH		Anwenderhinweis
BV	http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	21594/B0 BV
LR	http://www.lr.org/en	08/20033
ABS	http://www.eagle.org/eagleExternalPortalWEB/	17-HG1621871-PDA
BSH		658
RINA	http://www.rina.org/en	ELE001320XG
UL Recognized	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
EAC		EAC-Zulassung

Accessories

Accessories

Labeling panel

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Accessories

Labeling field - IB IL FIELD 2 - 2727501



Labeling field, width: 12.2 mm

Plug

Inline shield connector - IB IL SCN-6 SHIELD - 2726353



Inline shield connector

Terminal marking

Insert strip - ESL 62X10 - 0809492



Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems: Laser printer, mounting type: insert, lettering field size: 62 x 10 mm, Number of individual labels: 72

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