

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




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	85389091
Country of origin	Germany

Technical data

Note

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

Dimensions

Width	12.2 mm
Height	135 mm
Depth	71.5 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
---------------------------------	------------------

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

Technical data

Ambient conditions

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 earth ground 500 V AC 50 Hz 1 min.

Standards and Regulations

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

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

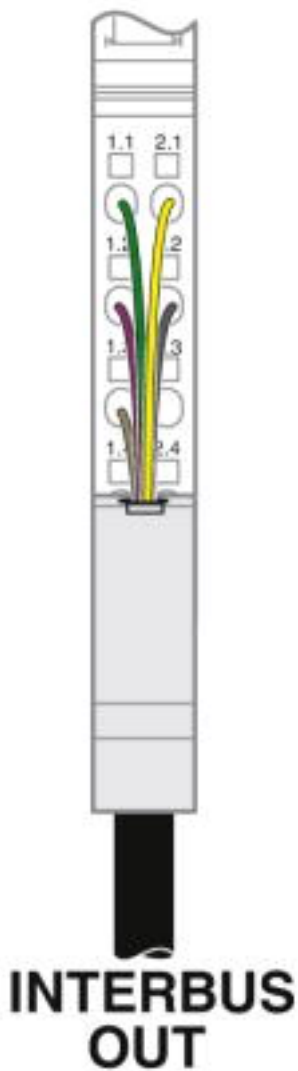
Technical data

Environmental Product Compliance

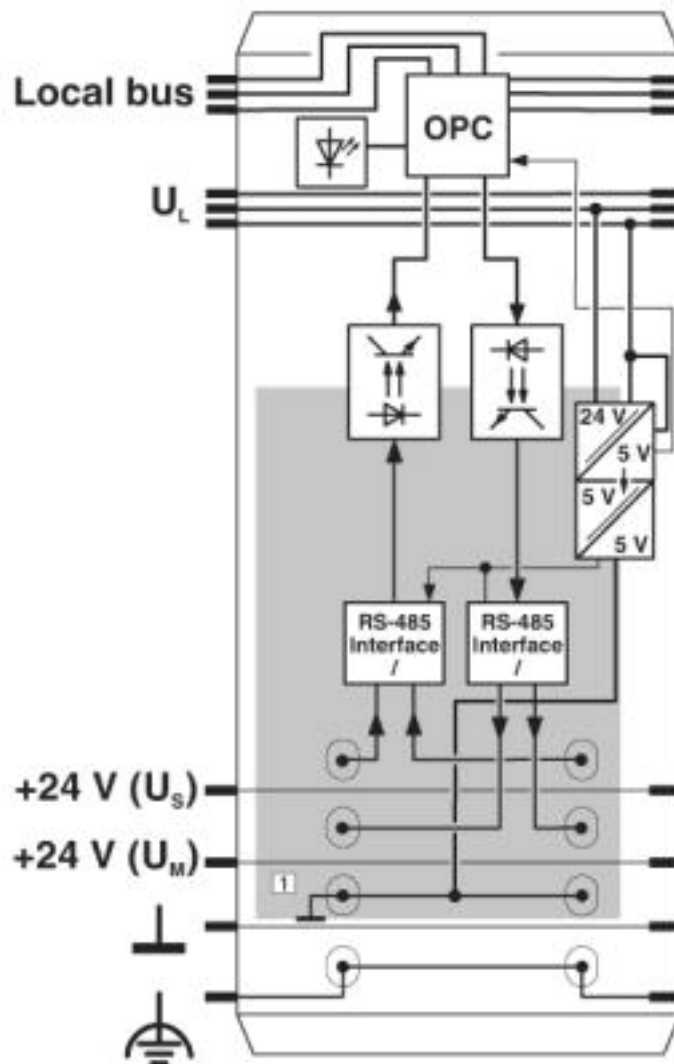
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Connection diagram



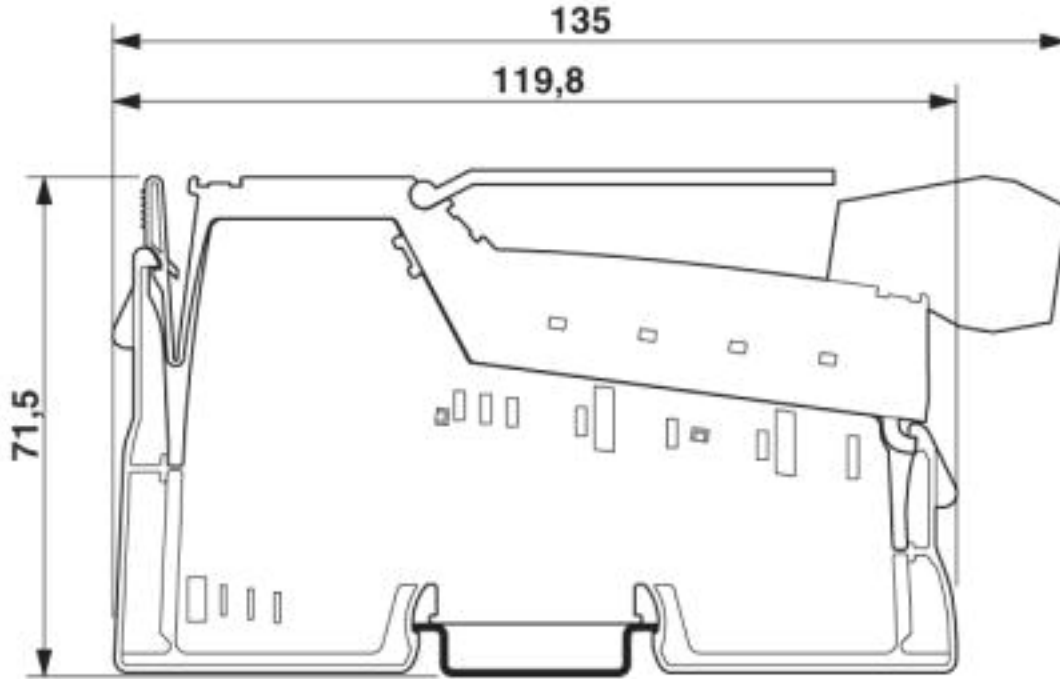
Block diagram



Internal wiring of the terminal points

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

Dimensional drawing



Classifications

eCl@ss

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

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

Classifications

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	32151602

Approvals

Approvals




Approvals

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

Ex Approvals


UL Listed / cUL Listed / cULus Listed


Approval details


DNV GL		https://approvalfinder.dnvgl.com/	TAA00000BN
BSH		http://www.bsh.de/de/index.jsp	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		http://www.bsh.de/de/index.jsp	658

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

Approvals

RINA		http://www.rina.org/en	ELE183315XG
------	---	---	-------------

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
---------------	---	---	---------------

EAC			EAC-Zulassung
-----	---	--	---------------

Accessories

Accessories

Labeling panel

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

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

Accessories

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