

Bus coupler - 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

Product Features

- Diagnostic and status indicators



Key commercial data

| | |
|------------------|---------------|
| package_quantity | 1 |
| GTIN | 4017918894375 |

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 |
| 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

| | |
|--------------------|--------------------|
| Fieldbus system | INTERBUS |
| Name | INTERBUS |
| Connection method | Inline data jumper |
| Transmission speed | 500 kBit/s |

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Technical data

Interfaces

| | |
|-----------------------------|-------------------------|
| Fieldbus system | INTERBUS |
| Name | INTERBUS |
| Connection method | Inline shield connector |
| Transmission speed | 500 kBit/s |
| Transmission physics | RS-485 |
| Fieldbus system | Lokalbus |
| Name | Inline local bus |
| Connection method | Inline data jumper |
| Transmission speed | 500 kBit/s |
| Transmission physics | Copper |

Power supply for module electronics

| | |
|-----------------------------|--|
| Supply voltage | 24 V DC (via voltage jumper) |
| Supply voltage range | 19.2 V DC ... 30 V DC (including all tolerances, including ripple) |

Inline potentials

| | |
|--|--------------------------------|
| I/O supply voltage U_{ANA} | 24 V DC (nominal value) |
| Current consumption from U_{ANA} | typ. 29 mA |
| Power consumption | max. 0.696 W (from U_{ANA}) |

General

| | |
|--------------------------------------|--|
| Weight | 67 g |
| Note on weight specifications | With connector |
| Mounting type | DIN rail |
| Protection class | III, IEC 61140, EN 61140, VDE 0140-1 |
| 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 |
| Test section | Remote bus branch 500 V AC 50 Hz 1 min |
| Test section | Functional earth ground 500 V AC 50 Hz 1 min |

classifications

eCl@ss

| | |
|-------------------|----------|
| eCl@ss 4.0 | 27250304 |
| eCl@ss 4.1 | 27250203 |
| eCl@ss 5.0 | 27250203 |
| eCl@ss 5.1 | 27242608 |
| eCl@ss 6.0 | 27242608 |
| eCl@ss 7.0 | 27242608 |
| eCl@ss 8.0 | 27242608 |

ETIM

| | |
|-----------------|----------|
| ETIM 2.0 | EC001434 |
| ETIM 3.0 | EC001604 |

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classifications

ETIM

| | |
|-----------------|----------|
| ETIM 4.0 | EC001604 |
| ETIM 5.0 | EC001604 |

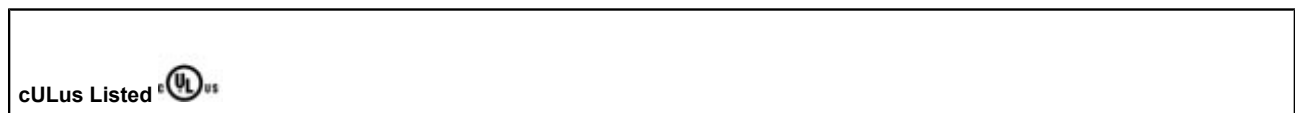
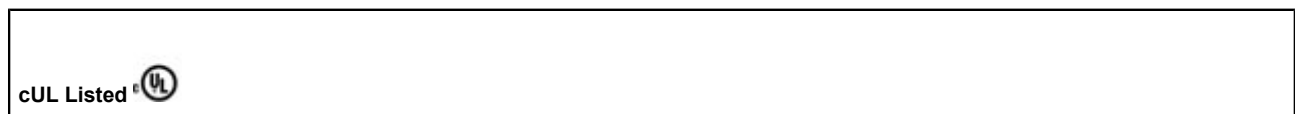
UNSPSC

| | |
|----------------------|----------|
| UNSPSC 6.01 | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11 | 43172015 |
| UNSPSC 12.01 | 43201404 |
| UNSPSC 13.2 | 43201404 |

approvals

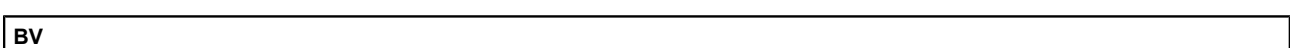
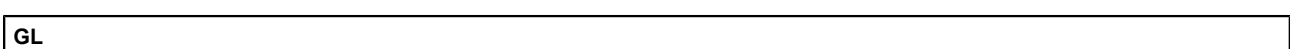
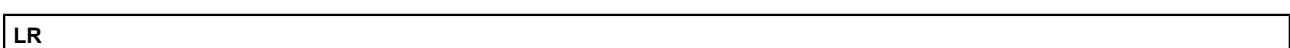
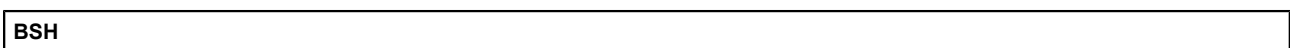
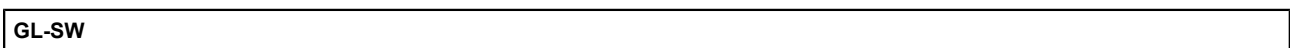
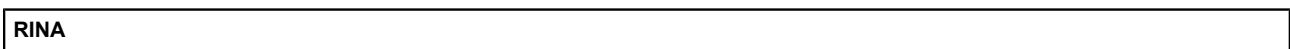
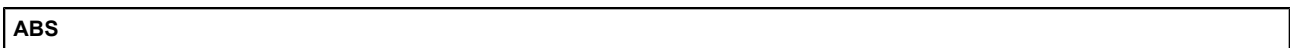
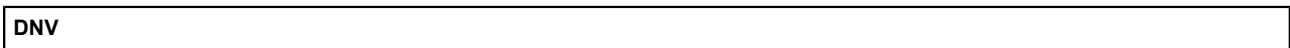
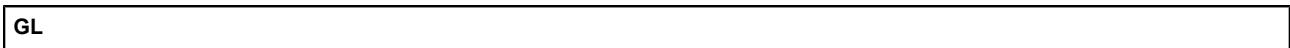
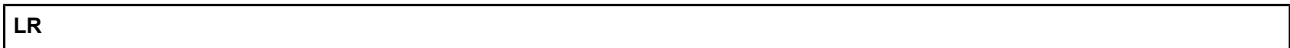
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Approval details



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DNV

GL-SW

cULus Recognized  US

accessories

Plug

IB IL SCN-6 SHIELD - 2726353



Labeling panel

IB IL FIELD 2 - 2727501



Terminal marking

ESL 62X10 - 0809492

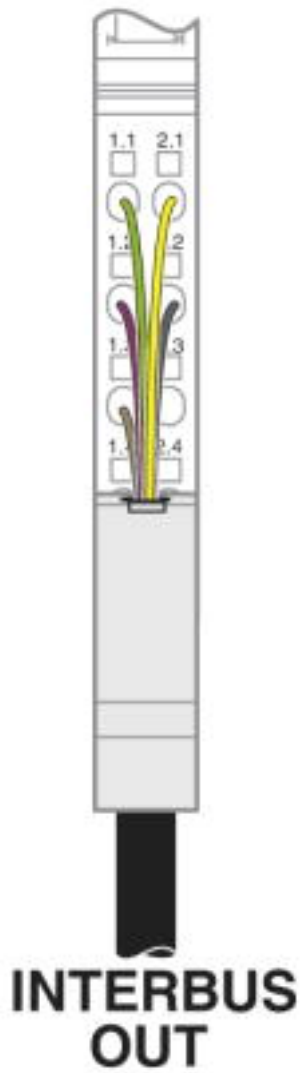


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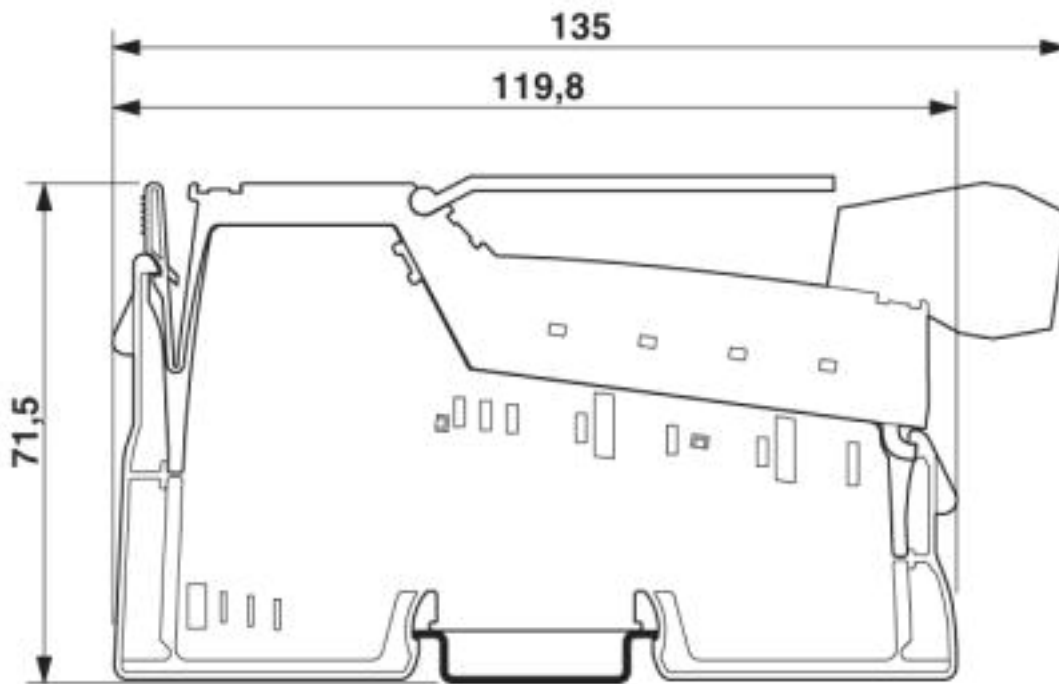
Drawings

Connection diagram



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Dimensioned drawing



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