

Bus coupler - IBS ST 24 BKM-LK-OPC - 2728665

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INTERBUS-ST bus terminal module, 24 V DC, with optical fiber F-SMA connector, IP20 protection, consisting of: Terminal part with screw connection and module electronics

Your advantages

- Additional remote/local bus branches
- Copper or fiber optic connection
- Additional I/Os onboard

RoHS



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 426668
GTIN	4017918426668
Weight per Piece (excluding packing)	254.200 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
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Dimensions

Width	44 mm
Height	117 mm
Depth	116 mm

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Technical data

Ambient conditions

Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Permissible humidity (operation)	30 % ... 75 % (non-condensing)
Permissible humidity (storage/transport)	30 % ... 95 % (non-condensing)
Air pressure (operation)	86 kPa ... 108 kPa (up to 1500 m above sea level)
Air pressure (storage/transport)	66 kPa ... 108 kPa (up to 3500 m above sea level)
Degree of protection	IP20

Interfaces

Designation	ST local bus
Connection method	ST local bus connector
Transmission speed	500 kbps
Designation	INTERBUS
Connection method	F-SMA connector
Wavelength	typ. 650 nm
Designation connection point	Incoming/Outgoing Remote Bus
Transmission physics	Polymer fiber

Digital inputs

Connection technology	Screw connection
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Power supply for module electronics

Supply voltage	24 V DC
Supply voltage range	20 V DC ... 30 V DC (including ripple)
Ripple	3.6 V _{pp} within the allowable voltage range
Current consumption	typ. 80 mA (without ST module expansions)
	typ. 330 mA (For maximum number of I/O modules on the ST local bus)

General

Mounting type	DIN rail
Color	green
Net weight	200 g
Mounting position	Horizontal DIN rail

Electrical isolation

Test section	Power supply voltage / ST local bus 500 V AC 50 Hz 1 min.
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Standards and Regulations

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

Bus coupler - IBS ST 24 BKM-LK-OPC - 2728665

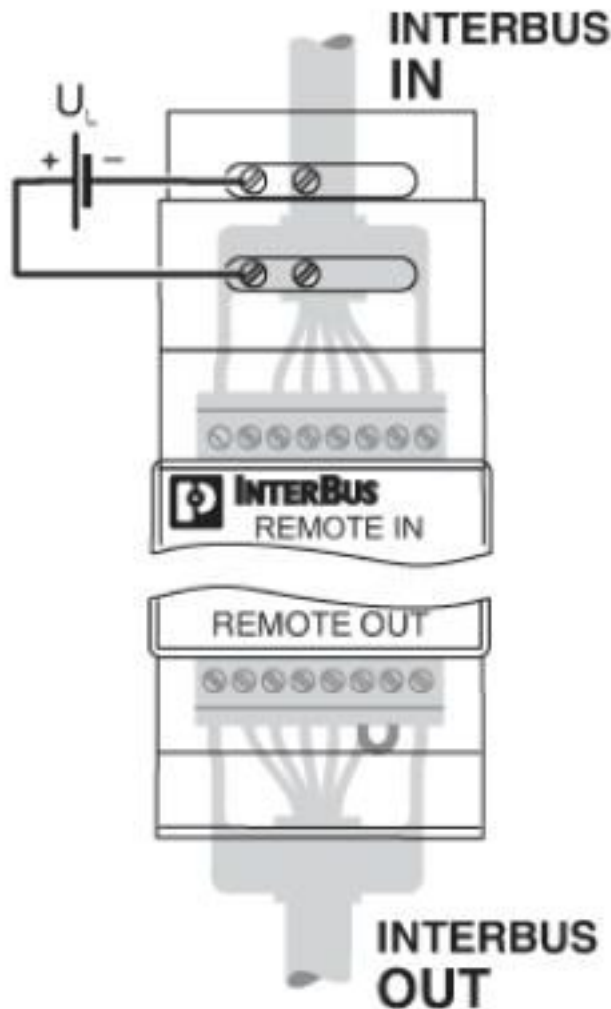
Technical data

Environmental Product Compliance

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

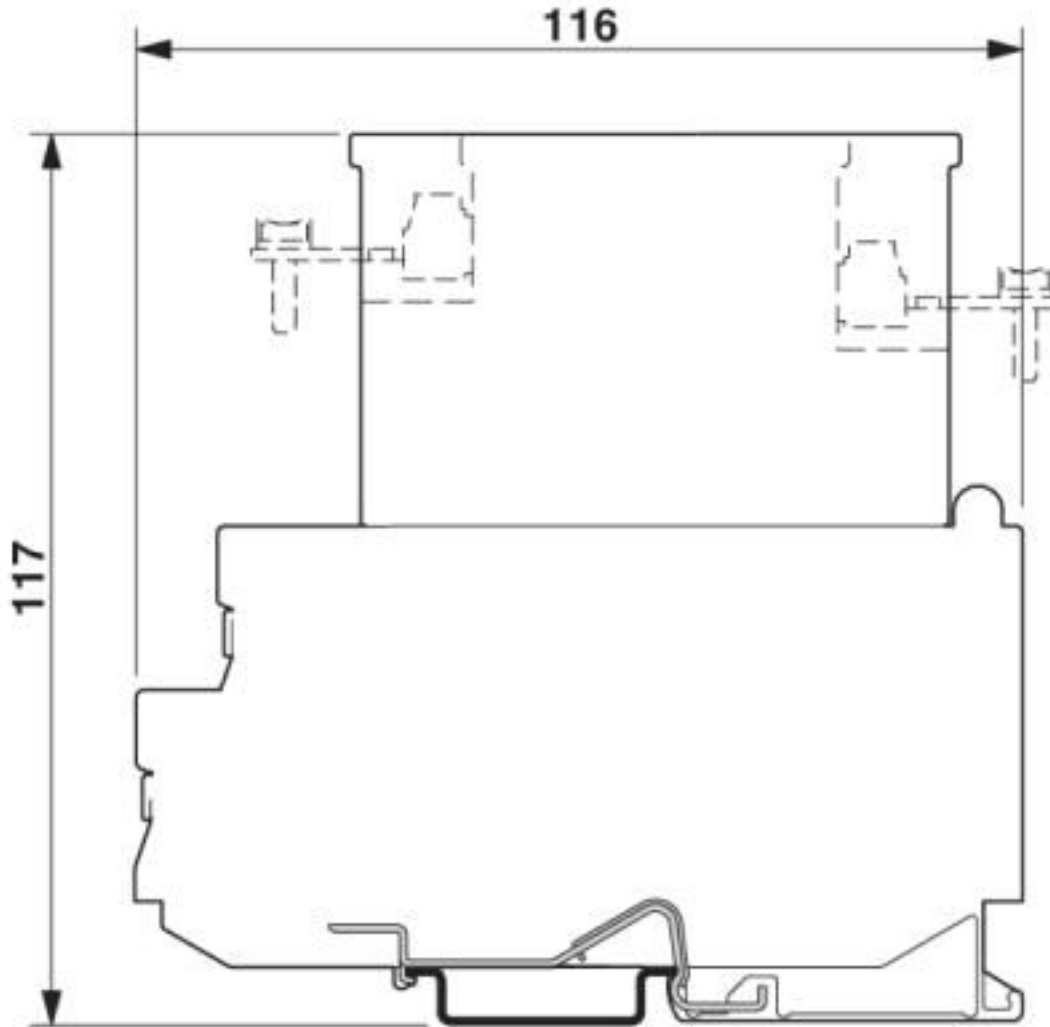
Drawings

Connection diagram



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Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	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

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Classifications

eCl@ss

eCl@ss 9.0	27242608
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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

EAC

Ex Approvals

Approval details

EAC		EAC-Zulassung
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Accessories

Accessories

Bridge

Jumper - IB ST LBC - 2836492



Spare local bus cable, for INTERBUS-ST modules

Insertion bridge - EB 84 IB ST BU - 2836269



Insertion bridges, divisible, isolated comb spine, color blue, 84-pos.

Insertion bridge - EB 84 IB ST RD - 2836272



Insertion bridges, divisible, isolated comb spine, color red, 84-pos.
