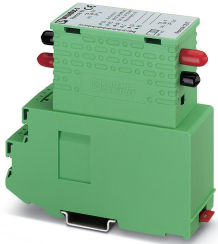


## Bus coupler - IBS ST 24 BKM-LK-OPC - 2728665

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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



### 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 <sub>pp</sub> 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

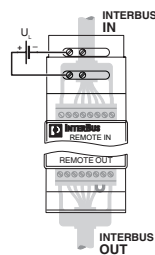
## Technical data

### Environmental Product Compliance

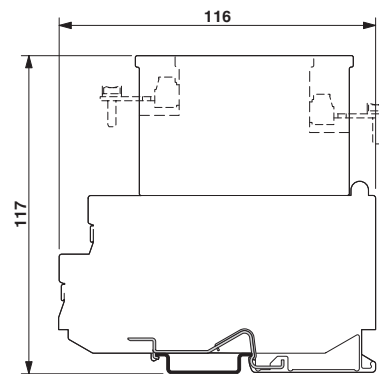
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Connection diagram



Dimensional drawing



## 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 9.0	27242608

### ETIM

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

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

## Classifications

### 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

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Approvals

EAC

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Ex Approvals

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### Approval details

EAC		EAC-Zulassung
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## Accessories

### Accessories

#### Bridge

Bridge - IB ST LBC - 2836492



Spare local bus cable, for INTERBUS-ST modules

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

### Accessories

Insertion bridge - EB 84 IB ST BU - 2836269



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

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Insertion bridge - EB 84 IB ST RD - 2836272



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

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