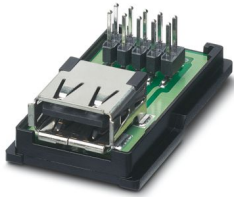


# VS-04-BUA-FK-F/IP67 - USB female insert

1653854

<https://www.phoenixcontact.com/us/products/1653854>

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USB socket insert, 4-pos., socket USB type A on flat-ribbon cable terminal strip, pitch 2.54, for the Freenet system in the panel mounting frame, IP20 terminal outlet, 19" patch panel and service interface

## Commercial data

Item number	1653854
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB14
Product key	ABNNFC
GTIN	4017918970185
Weight per piece (including packing)	13.5 g
Weight per piece (excluding packing)	13.5 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Product type	Female insert
Type	USB-A
Number of positions	4
Connection profile	USB
Number of slots	1
Shielded	no

### Electrical properties

Rated voltage (III/3)	30 V
Rated current	1 A
Insulation resistance	≥ 1 GΩ
Transmission medium	Copper
Transmission characteristics (category)	USB 2.0

### Connection data

#### Connection technology

Connection method	Flat-ribbon cable connection
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### Dimensions

Width	22.8 mm
Height	16.5 mm
Length	38.1 mm

### Material specifications

Flammability rating according to UL 94	V0
Housing material	Plastic
Contact material	Copper alloy
Contact surface material	Gold
Contact carrier material	PET

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	≥ 1000
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-15 °C ... 65 °C

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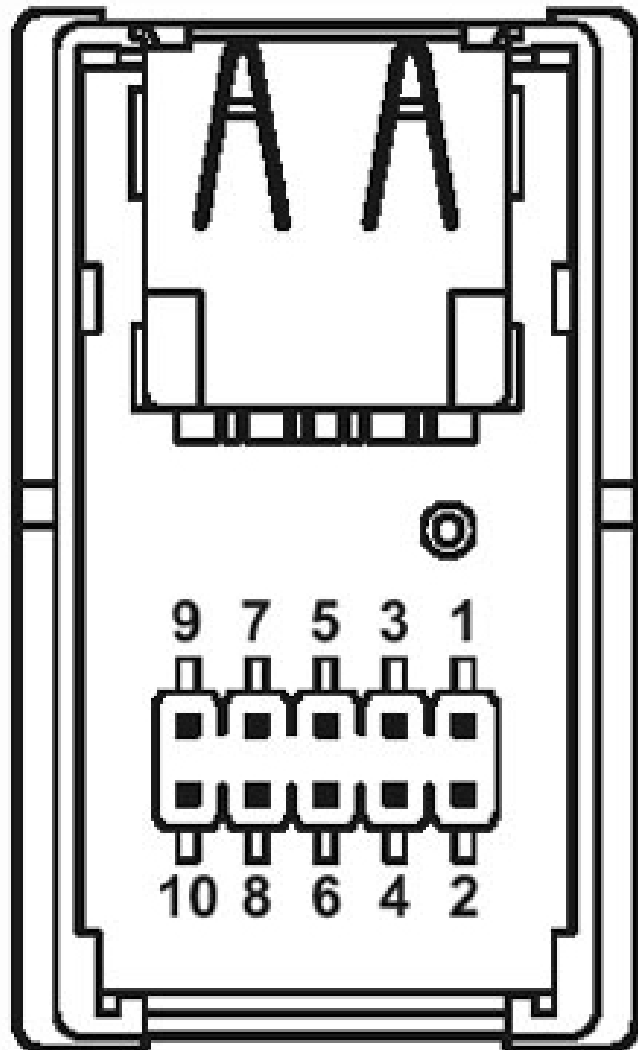
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## Drawings

Schematic diagram

Pin	USB A
1	VBUS
2	
3	Shield
4	
5	D-
6	D+
7	Shield
8	
9	GND
10	



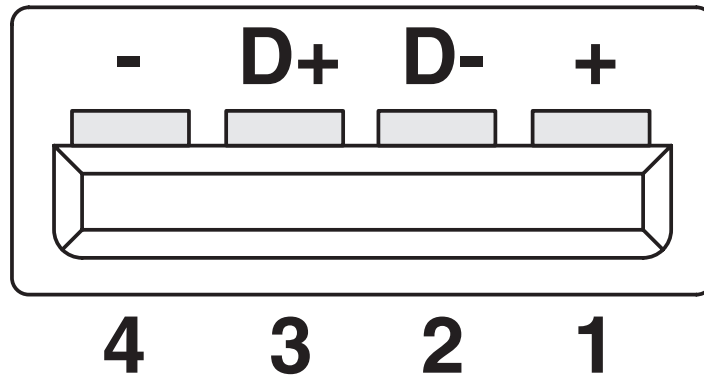
Contact assignment

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Schematic diagram



Pin assignment socket USB, type A

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## Classifications

### ECLASS

ECLASS-13.0	27440390
ECLASS-15.0	27440318

### ETIM

ETIM 10.0	EC002597
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.1 Climate Change

CO2e kg	0.653 kg CO2e
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