

VS-04-BUB-FK-F/IP67 - USB female insert



1653867

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USB socket insert, 4-pos., socket USB type B 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	1653867
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB14
Product key	ABNNFC
GTIN	4017918970192
Weight per piece (including packing)	14.4 g
Weight per piece (excluding packing)	7.05 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 (I/I3)	30 V
Rated current	1 A
Insulation resistance	$\geq 1 \text{ G}\Omega$
Transmission medium	Copper
Transmission characteristics (category)	USB 2.0

Connection data

Connection technology	
Connection method	Flat-ribbon cable connection

Dimensions

Width	22.8 mm
Height	17.7 mm
Length	36.1 mm

Material specifications

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

Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	≥ 1000

Environmental and real-life conditions

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

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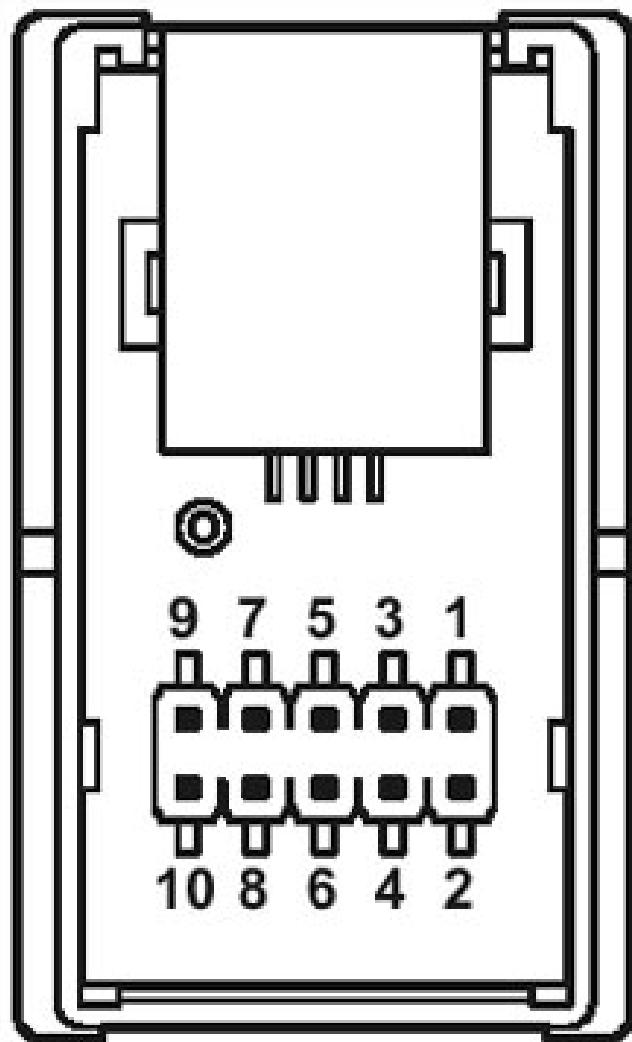
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Drawings

Schematic diagram

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



Contact assignment

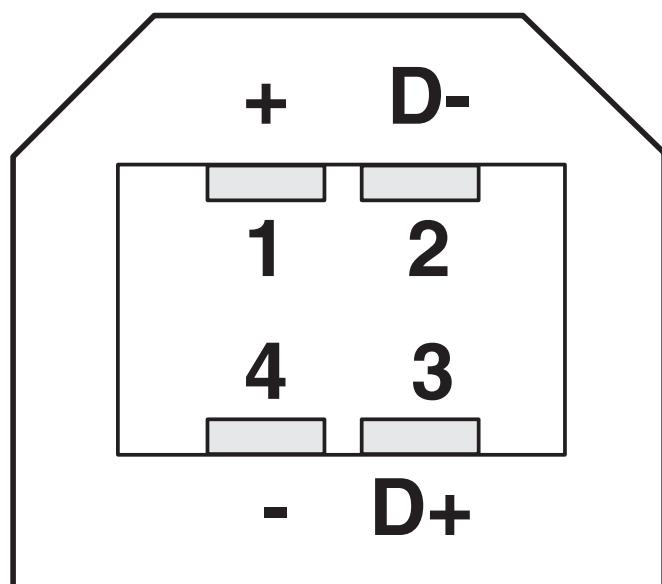
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Schematic diagram



Pin assignment socket USB, type B

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Classifications

ECLASS

ECLASS-15.0	27440390
ECLASS-13.0	27440390

ETIM

ETIM 9.0	EC004746
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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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