

DIN rail bus connectors - TBUS8-25,0-PPPPPPPP-7035 - 2202891

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DIN rail connector, nominal current: 6 A, rated voltage (III/2): 32 V, number of positions: 8, pitch: 2.54 mm, color: light gray, mounting: DIN rail, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 8 parallel contacts

Your advantages

- ✓ Space-saving DIN rail mounting
- ✓ Contact design enables electronics modules to be easily snapped on
- ✓ Power supply and communication without additional wiring
- ✓ Parallel and serial contacts for efficient signal and data transmission



Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	
GTIN	4055626382142

Technical data

Item properties

Brief article description	DIN rail bus connectors
Range of articles	TBUS8..2,54
Pitch	2.54 mm
Number of positions	8
Mounting type	DIN rail

Electrical parameters

Nominal current I _N	6 A (parallel contacts)
Nom. voltage	32 V
Rated voltage (III/2)	32 V
Rated voltage (II/2)	32 V
Rated surge voltage (III/2)	1.5 kV

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Electrical parameters

Rated surge voltage (II/2)	1.5 kV
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Material data - contact

Contact material	Cu alloy
Surface characteristics	Completely gold-plated

Material data - housing

Housing color	light gray (7035)
Insulating material	PA
Insulating material group	I
CTI according to IEC 60112	600
Flammability rating according to UL 94	V0

Dimensions for the product

Length [l]	16.3 mm
Width [w]	29.3 mm
Height [h]	37.15 mm
Pitch	2.54 mm

PCB specifications

PCB thickness	1.4 mm ... 1.8 mm
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Packaging information

Type of packaging	packed in cardboard
Pieces per package	10
Denomination packing units	Pcs.
Outer packaging type	Carton

General product information

Type of note	Recommendation
Note	Material of contact pads for bus connector, galvanic gold (hard gold)

Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Ambient temperature (operation)	-40 °C ... 105 °C (dependent on the derating curve)
Relative humidity (storage/transport)	80 %

Current carrying capacity / derating curves

Caption	Type: TBUS8-18,8-...
Specification	IEC 61984:2008-10
Reduction factor	0.9
Note	Representation based on IEC 60512-5-2:2002-02

Mechanical strength/tumbling barrel

Height of fall	50 cm
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Vibration test

Test directions	X-, Y- and Z-axis (pos. and neg.)
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Test for substances that would hinder coating with paint or varnish

Specification	VW PV 3.10.7:2005-02
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 10.0.1	27440402
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440309
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 5.0	EC002637
ETIM 6.0	EC002638
ETIM 7.0	EC002638

UNSPSC

UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

Approvals

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UL Recognized / cUL Recognized / EAC / IECCE CB Scheme / VDE Zeichengenehmigung / cULus Recognized

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Approvals

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976-20151204
Nominal voltage UN	29.9 V		
Nominal current IN	6 A		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976-20151204
Nominal voltage UN	29.9 V		
Nominal current IN	4 A		

EAC		B.01687	
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IECEE CB Scheme		http://www.iecee.org/	DE1-62506
Nominal voltage UN	32 V		
Nominal current IN	6 A		

VDE Zeichengenehmigung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40050612
Nominal voltage UN	32 V		
Nominal current IN	6 A		

cULus Recognized			
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Accessories

Additional products

Printed-circuit board connector - FMC 0,5/ 8-ST-2,54 - 1821151

PCB connector, nominal current: 6 A, rated voltage (III/2): 160 V, nominal cross section: 0.5 mm², number of positions: 8, pitch: 2.54 mm, connection method: Push-in spring connection, color: black, contact surface: Gold



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