INDUSTRIAL COMPONENT DATA

# HBUS 53,6-16P-1S BK 2896458 PHOENIX CONTACT DIN rail bus connectors

**Brand: PHOENIX CONTACT | Manufacturer Part Number: HBUS 53,6-16P-1S BK**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | HBUS 53,6-16P-1S BK |
| Catalog number | 2896458 |
| Category | Cable connector |
| Minimum order | 10 Pcs |
| Document ID | EO-F8D3CE8FF2 |
| Generated | 2026-11-18 |

## Product Overview

DIN rail bus connectors
Rail bus connectors, colour: black, rated current: 3 A (max. total current 25 A), rated voltage (III/2): 30 V, number of poles: 16, pitch: 2.54 mm, mounting: Rail mounting, locking: without
DIN rail connector, color: black, nominal current: 3 A (Total current of 25 A max.), rated voltage (III/2): 30 V, number of positions: 16, product range: BC 53,6.., pitch: 2.54 mm, mounting: DIN rail mounting, locking: without

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Housing (HS) |

## Additional Product Information

Technical dataProduct propertiesProduct type DIN rail connector
Product family BC 53,6..
Number of positions 16
Pitch 2.54 mm
Data management status
Article revision 03
Electrical propertiesNominal current IN 3 A (Total current of 25 A max.)
Contact resistance 23.9 m?
Rated voltage (III/3) 30 V
Rated surge voltage (III/3) 0.8 kV
Rated voltage (III/2) 30 V

Rated surge voltage (III/2) 0.8 kV
Rated voltage (II/2) 100 V
Rated surge voltage (II/2) 0.8 kV
Connection dataMaximum load current 3 A (maximum total current 23 A)
Material specificationsMaterial data - contact
Contact material Cu alloy
Surface characteristics Completely gold-plated
Material data - housing
Color (Housing) black (9005)
Insulating material PA
Insulating material group I
CTI according to IEC 60112 600
Flammability rating according to UL 94 V0
material specifications - connector
Color () ()
DimensionsPitch 2.54 mm
Width [w] 53.6 mm
Height [h] 13.6 mm
Length [l] 37.1 mm
MountingMounting type DIN rail mounting
Mechanical testsVisual inspection
Specification IEC 60512-1-1:2002-02
Result Test passed
Dimension check
Specification IEC 60512-1-2:2002-02
Result Test passed
Environmental and real-life conditionsVibration test
Specification IEC 60068-2-6:2007-12
Frequency 10 - 150 - 10 Hz
Sweep speed 1 octave/min
Amplitude 0.15 mm (10 Hz ... 58.1 Hz)
Acceleration 20 m/s²
Test duration per axis 2.5 h
Test directions X-, Y- and Z-axis (pos. and neg.)
Durability test
Specification IEC 60512-9-1:2010-03
Impulse withstand vo...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HBUS 53,6-16P-1S BK with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

**GLOBAL OFFICES**

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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