

2202891

https://www.phoenixcontact.com/us/products/2202891

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



DIN rail connector, color: light gray, nominal current: 6 A (parallel contacts), rated voltage (III/2): 32 V, number of positions: 8, product range: TBUS8-25.., pitch: 2.54 mm, mounting: DIN rail mounting, locking: without, mounting: without, type of packaging: packed in cardboard, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 8 parallel contacts

Your advantages

- · Space-saving installation under the housing in the DIN rail
- · 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

Commercial data

Item number	2202891
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC09
Product key	ACHAGA
GTIN	4055626382142
Weight per piece (including packing)	6.82 g
Weight per piece (excluding packing)	5.5 g
Customs tariff number	85366990
Country of origin	PL



2202891

https://www.phoenixcontact.com/us/products/2202891

Technical data

Notes

	Recommendation	Material of contact pads for bus connector, galvanic gold (hard gold)
Product properties		
	Product type	DIN rail connector
	Product family	TBUS8-25
	Number of positions	8
	Pitch	2.54 mm

Data management status

Article revision	03

Electrical properties

Nominal current I _N	6 A (parallel contacts)
Nominal voltage U _N	32 V
Rated voltage (III/3)	32 V
Rated surge voltage (III/3)	1.5 kV
Rated voltage (III/2)	32 V
Rated surge voltage (III/2)	1.5 kV
Rated voltage (II/2)	32 V
Rated surge voltage (II/2)	1.5 kV

Material specifications

Material data - contact

Contact material	Cu alloy
Surface characteristics	gold-plated

Material data - housing

light gray (7035)
PA
I
600
V0

material specifications - connector

Color ()	()
----------	----

Dimensions

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



2202891

https://www.phoenixcontact.com/us/products/2202891

Mounting

Mounting type DIN rail mounting	
---------------------------------	--

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C 105 °C (dependent on the derating curve)
Ambient temperature (storage/transport)	-40 °C 55 °C
Relative humidity (storage/transport)	30 % 70 %
Ambient temperature (assembly)	-5 °C 100 °C

Electrical tests

Air clearances and creepage distances |

Specification	IEC 60664-1:2007-04
Insulating material group	I
Comparative tracking index (IEC 60112)	CTI 600
Rated insulation voltage (III/3)	32 V
Rated surge voltage (III/3)	1.5 kV
minimum clearance value - non-homogenous field (III/3)	0.8 mm
minimum creepage distance (III/3)	1.3 mm
Rated insulation voltage (III/2)	32 V
Rated surge voltage (III/2)	1.5 kV
minimum clearance value - non-homogenous field (III/2)	0.5 mm
minimum creepage distance (III/2)	0.53 mm
Rated insulation voltage (II/2)	32 V
Rated surge voltage (II/2)	1.5 kV
minimum clearance value - non-homogenous field (II/2)	0.5 mm
minimum creepage distance (II/2)	0.53 mm

Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton



2202891

https://www.phoenixcontact.com/us/products/2202891

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2202891

SUL Approv	cUL Recognized Approval ID: E118976-20151204			
	Nominal voltage U_N	Nominal current I _N	Cross section AWG	Cross section mm ²
Power	29.9 V	4 A	-	-
Signal	29.9 V	4 A	-	-

91 UL Recognized Approval ID: E118976-2	UL Recognized Approval ID: E118976-20151204			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
Power	29.9 V	6 A	-	-
Signal	29.9 V	4 A	-	-

VDE Zeichengene Approval ID: 40050612	VDE Zeichengenehmigung Approval ID: 40050612			
	Nominal voltage U_N	Nominal current I _N	Cross section AWG	Cross section mm ²
Power	32 V	6 A	-	-
Signal	32 V	4 A	-	-

cULus Recognized



2202891

https://www.phoenixcontact.com/us/products/2202891

Classifications

ECLASS

	ECLASS-11.0	27460201	
	ECLASS-12.0	27460201	
	ECLASS-13.0	27460201	
ETIM			
	ETIM 9.0	EC002637	
UNSPSC			
	UNSPSC 21.0	39121400	



2202891

https://www.phoenixcontact.com/us/products/2202891

Environmental product compliance

EU RoHS

20 1.01.0	
Fulfills EU RoHS substance requirements	Yes, No exemptions
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%

Phoenix Contact 2024 @ - all rights reserved https://www.phoenixcontact.com

Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com