

#### 2202891

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

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DIN rail connector, color: light grey, nominal current: 6 A (parallel contacts), rated voltage (III/2): 32 V, number of positions: 8, 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



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## Technical data

## Notes

	Recommendation	Material of contact pads for bus connector, galvanic gold (hard gold)
Product properties		
	Product type	DIN rail connector
	Product family	TBUS8-2PP
	Number of positions	8
	Pitch	2.54 mm

## **Electrical properties**

Nominal current I <sub>N</sub>	6 A (parallel contacts)
Nominal voltage U <sub>N</sub>	32 V
Degree of pollution	3
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

#### Dimensions

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

#### Material specifications

lloy plated
plated
grey (7035)

## Connector

Connection 1	
Insulating material	PA
CTI according to IEC 60112	600



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## Electrical tests

Air clearances and	creepage distances
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Specification	IEC 60664-1:2007-04	
Insulating material group	1	
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	

### 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

## Mounting

Mounting type	DIN rail mounting
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### Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton



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## Classifications

## ECLASS

ECLASS-11.0	27460201
ECLASS-12.0	27460201
ECLASS-13.0	27460201

## ETIM

	ETIM 9.0	EC002637	
UNSPSC			
	UNSPSC 21.0	39121400	



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## Environmental product compliance

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

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