

1156781

https://www.phoenixcontact.com/us/products/1156781

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DIN rail connector, color: light gray, nominal current: 6 A, 4 A (parallel contacts) (Serial 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, 4 parallel contacts/4 serial contacts

Your advantages

• Up to four parallel and series contacts respectively for efficient signal and data transmission

Commercial data

Item number	1156781
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC09
Product key	ACHAGA
GTIN	4063151159849
Weight per piece (including packing)	7.25 g
Weight per piece (excluding packing)	6 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)
Pr	oduct 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/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

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

material specifications - connector

Color ()		()
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Dimensions

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

Mounting



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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 %		

-5 °C ... 100 °C

Electrical tests

Air clearances and creepage distances |

Ambient temperature (assembly)

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Specification	IEC 60664-1:2007-04
Insulating material group	I
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



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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1156781

cUL R	ecognized I 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	-	-

UL Recognized Approval ID: E118976-2	0151204			
	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	-	-

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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

EU RoHS				
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%			



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Accessories

FMC 0,5/8-ST-2,54 - PCB connector

1821151

https://www.phoenixcontact.com/us/products/1821151



PCB connector, nominal cross section: 0.5 mm², color: black, nominal current: 6 A, rated voltage (III/2): 160 V, contact surface: Au, contact connection type: Socket, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: FMC 0,5/..-ST, pitch: 2.54 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, plug-in system: COMBICON FMC 0,5, locking: without, mounting: without, type of packaging: packed in cardboard

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