

1424744

https://www.phoenixcontact.com/us/products/1424744

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Device connector rear mounting, 4-position, Socket, straight, M12, coding: D, on free cable end, Rear wall/screw mounting, M16 x 1.5, Individual wires, cable length: 2 m, 0.34 mm^2 , Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239481

Commercial data

Item number	1424744
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB24
Product key	ABQCHB
GTIN	4055626379661
Weight per piece (including packing)	58.5 g
Weight per piece (excluding packing)	45.34 g
Customs tariff number	85444290
Country of origin	DE



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Technical data

Notes

Order information:	Lock nut is included in the scope of delivery
Safety note	
Safety note	WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.
	 WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.
	WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product.
	 The products are suitable for applications in plant, controller, and electrical device engineering.
	 When operating the connectors in outdoor applications, they must be separately protected against environmental influences.
	 Assembled products may not be manipulated or improperly opened.
	 Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products).
	 When using the product in direct connection with third-party manufacturers, the user is responsible.
	 For operating voltages > 50 V AC, conductive connector housings must be grounded
	 Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.
	Observe the corresponding technical data. You will find information: On the product On the packing label o In the supplied documentation Online at phoenixcontact.com/products under the product
	Only use tools recommended by Phoenix Contact
	 Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products
	 Ensure that the protective or functional ground has been properly connected.
	VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1.3 are applicable when combining several circuits in a cable and/or connector



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	 The connector warms up in normal operation. Depending on the ambient conditions, the surface of the connector can continue to warm up. In this case, the user is responsible for posting warnings (e.g. DIN EN ISO 13732-1:2008-12).
Nounting	
Mounting type	Rear wall/screw mounting M16 x 1.5
Product properties	
Product type	Circular connectors (device side)
Application	Data
	Signal
Number of positions	4
Coding	D
Thread type	M12
Insulation characteristics	
Overvoltage category	II II
Degree of pollution	3
Electrical properties	
Rated surge voltage	2.5 kV AC
Nominal voltage U _N	250 V
Nominal current I _N	4 A
Connection data Conductor connection	
Connection method	Individual wires
Contact connection type	Socket
Connector Connection 1	0.34 mm ²
Head design	Socket
Head cable outlet	straight
Head thread type	M12
Coding	D
Connection 2	Consideration
Head design	free cable end
Cable/line	
Cable/line Cable length	2 m



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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67 (When plugged in)
	IP65 (When plugged in)
	IP65/IP67
Ambient temperature (operation)	-25 °C 85 °C

Standards and regulations

Standards/specifications	according to IEC 61076-2-101



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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1424744

cUL Recognized Approval ID: E118976-20100522				
	Nominal	voltage U _N Nominal cu	rrent I _N Cross section AV	VG Cross section mm ²
	250 V	4 A	22 - 22	-

<i>9</i> 7	UL Recognized Approval ID: E118976-20100522				
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		250 V	4 A	22 - 22	-

e Flus cU	JLus Recognized proval ID: E221474-2014061	6			
	Nomi	inal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	250 \	J	4 A	22 - 20	-

cULus Recognized



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Classifications

UNSPSC 21.0

ECLASS

	ECLASS-11.0	27440102	
	ECLASS-12.0	27440116	
	ECLASS-13.0	27440116	
ETIM			
	ETIM 9.0	EC002635	
1U	NSPSC		

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	17a020fe-6c70-42af-8ae8-b5d79c437c73

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