

SACC-M16FR-14CON-M - Connector



1500253

<https://www.phoenixcontact.com/us/products/1500253>

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M16 socket, 14-pos., with solder connection, freely configurable, angled, for a 6.0 mm conductor diameter ... 8.0 mm



Commercial data

Item number	1500253
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF45
Product key	BF3ZDX
Catalog page	Page 311 (C-2-2019)
GTIN	4017918587918
Weight per piece (including packing)	68.9 g
Weight per piece (excluding packing)	68.9 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

Assembly note

NOTE: Observe the permissible bending radii when routing cables, since the degree of protection may be at risk if the bending forces are too high. Reduce mechanical loads upstream of the connector, e.g., by using cable ties.

Product properties

Product type	Circular connectors (device side)
Number of positions	14
Shielded	no
Coding	no

Dimensions

Width	20 mm
Height	37.4 mm
Length	54 mm

Material specifications

Material Threaded sleeve	Die-cast zinc
Flammability rating according to UL 94	V0
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PBT

Electrical properties

Nominal voltage U_N	60 V DC (Overvoltage category I / degree of pollution 1)
	32 V AC (Overvoltage category II / degree of pollution 2)

Connection data

Conductor connection

Connection method	Solder connection
Contact connection type	Socket

Connector

Connection 1

Head design	Socket
Head cable outlet	angled
Head thread type	M16

Environmental and real-life conditions

Ambient conditions

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Degree of protection	IP67
Ambient temperature (operation)	-30 °C ... 95 °C

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Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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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	f3594b4f-206a-46e9-8c24-68d43845ae4a

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