


Connector - SACC-M16FR-14CON-M - 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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 587918
GTIN	4017918587918
Weight per Piece (excluding packing)	68.900 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Rated voltage	60 V DC (Overvoltage category I / degree of pollution 1)
	32 V AC (Overvoltage category II / degree of pollution 2)
Number of positions	14
Flammability rating according to UL 94	V0
Note	NOTE: Observe the permissible bending radii when laying conductors, since the degree of protection may be put in jeopardy if the bending forces are too high. Alleviate mechanical loads upstream of the connector, e.g. by using cable ties.

Ambient conditions

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

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Master cable data/connection data

Conductor cross section max. (signal)	0.25 mm ²
Conductor cross section AWG max. (signal)	24
Conductor cross section max. (energy)	0.25 mm ²
Conductor cross section AWG max. (energy)	24
External cable diameter min.	6 mm
External cable diameter max.	8 mm

Insulation material

Housing material	CuZn
Housing surface material	Nickel-plated
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PBT
Material of threaded sleeve	Zinc die-cast
Material of threaded sleeve surface	Nickel-plated

Connection assignment

Slot/position = pin = conductor color	1 / 4 (A) = P = WH
	2 / 4 (A) = J = GN
	3 / 4 (A) = T = YE
	4 / 4 (A) = S = GY
	5 / 4 (A) = G = PK
	6 / 4 (A) = R = RD
	7 / 4 (A) = E = BK
	8 / 4 (A) = O = VT
	9 / 4 (A) = C = WH/PK
	10 / 4 (A) = N = PK/BN
	1-10 / 1 (+24 V) = A+M = BN
	1-10 / 3 (0 V) = L+U = BU

Standards and Regulations

Flammability rating according to UL 94	V0
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Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27279200
eCl@ss 7.0	27440104
eCl@ss 8.0	27440104
eCl@ss 9.0	27440102

ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC002062
ETIM 4.0	EC002062
ETIM 5.0	EC002062
ETIM 6.0	EC002062

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

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Approvals

EAC



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DE.AI30.B.01102