

Connector - SACC-M16FR-14CON-M - 1500253

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

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
Weight per Piece (excluding packing)	68.9 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Rated voltage	60 V (Overvoltage category I / degree of pollution 1)
	32 V (Overvoltage category II / degree of pollution 2)
Number of positions	14
Flammability rating according to UL 94	V0

Ambient conditions

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

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

Connector - SACC-M16FR-14CON-M - 1500253

Technical data

Insulation material

Housing material	CuZn
Housing surface material	Nickel-plated
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PBT

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
--	----

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440104
eCl@ss 9.0	27440102

ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC002062

Connector - SACC-M16FR-14CON-M - 1500253

Classifications

ETIM

ETIM 4.0	EC002062
ETIM 5.0	EC002062

UNSPSC

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

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

EAC
