

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 |
| 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 |

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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 |

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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

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| EAC |
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