

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 |
|----------|----------|

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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