

SACC-DSIV-FSB-5CON-L180 SCOTHR - Device connector rear mounting



1542635

<https://www.phoenixcontact.com/us/products/1542635>

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Device connector rear mounting, 5-position, Socket, straight, M12-SPEEDCON, coding: B, Rear mounting, M12 x 1, THR solder connection, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1239955

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 1542635 |
| Packing unit | 60 pc |
| Minimum order quantity | 60 pc |
| Sales key | AB23 |
| Product key | ABQAIA |
| Catalog page | Page 189 (C-2-2013) |
| GTIN | 4046356097901 |
| Weight per piece (including packing) | 11.637 g |
| Weight per piece (excluding packing) | 10.29 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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Technical data

Notes

| | |
|---------|---|
| General | Lock nut is included in the scope of delivery |
|---------|---|

Mounting

| | |
|-----------------------|-------------------------------------|
| Mounting type | Rear mounting M12 x 1 With flat nut |
| Assembly instructions | With flat nut |

Product properties

| | |
|---------------------|-----------------------------------|
| Product type | Circular connectors (device side) |
| Number of positions | 5 |
| Shielded | no |
| Coding | B |
| Thread type | M12 |

Insulation characteristics

| | |
|----------------------|----|
| Overvoltage category | II |
| Degree of pollution | 3 |

Material specifications

| | |
|--|------------------------------|
| Flammability rating according to UL 94 | HB |
| Seal material | NBR |
| Contact material | Cu alloy |
| Contact surface material | Au |
| Contact carrier material | PA 6.6 |
| Material for screw connection | Zinc die-cast, nickel-plated |

Electrical properties

| | |
|-----------------------|----------------------------|
| Contact resistance | $\leq 3 \text{ m}\Omega$ |
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |
| Nominal voltage U_N | 60 V |
| Nominal current I_N | 4 A |

Connection data

Conductor connection

| | |
|-------------------------|-----------------------|
| Connection method | THR solder connection |
| Contact connection type | Socket |

Connector

Connection 1

| | |
|-------------|--------|
| Head design | Socket |
|-------------|--------|

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| | |
|-------------------|----------|
| Head cable outlet | straight |
| Head thread type | M12 |
| Head locking type | SPEEDCON |
| Coding | B |

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|----------------------------------|
| Degree of protection | IP67 |
| | IP67 |
| Ambient temperature (operation) | -25 °C ... 85 °C (Plug / socket) |

Standards and regulations

M12

| | |
|--------------------------|-----------------|
| Standard designation | M12 connector |
| Standards/specifications | IEC 61076-2-101 |

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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

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| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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Environmental product compliance

| | |
|------------|--|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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