

SACC-DSIV-M12FS-5CON-L 90 SH - Device connector rear mounting



1440067

<https://www.phoenixcontact.com/us/products/1440067>

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Device connector rear mounting, 5-position, Socket, angled, M12, A-coding, Wave soldering



Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1440067 |
| Packing unit | 10 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB23 |
| Product key | ABQEHA |
| GTIN | 4046356478663 |
| Weight per piece (including packing) | 14.6 g |
| Weight per piece (excluding packing) | 10.87 g |
| Customs tariff number | 85366990 |
| Country of origin | HU |

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Technical data

Mounting

| | |
|---------------|---|
| Mounting type | Rear mounting (M12 x 1, with locking nut) |
|---------------|---|

Product properties

| | |
|---------------------|-----------------------------------|
| Product type | Circular connectors (device side) |
| Number of positions | 5 |
| Shielded | yes |
| Coding | A |
| Thread type | M12 |

Insulation characteristics

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

Material specifications

| | |
|--|--------|
| Material Housing | CuZn |
| Material Housing surface | Ni |
| Material Contact carrier | PA 6.6 |
| Material Contact | CuZn |
| Material Contact surface | Au |
| Material Seal | NBR |
| Flammability rating according to UL 94 | HB |

Electrical properties

| | |
|-----------------------|----------------------------|
| Contact resistance | $\leq 5 \text{ m}\Omega$ |
| 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 | Wave soldering |
| Contact connection type | Socket |

Connector

Connection 1

| | |
|-------------------|--------|
| Head design | Socket |
| Head cable outlet | angled |
| Head thread type | M12 |
| Coding | A |

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Environmental and real-life conditions

Ambient conditions

| | |
|---|--------------------------|
| Degree of protection | IP67 |
| Ambient temperature (operation) (male connector/female connector) | -25 °C ... 85 °C |
| UL Type Rating | Type 4 (indoor use only) |

Standards and regulations

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

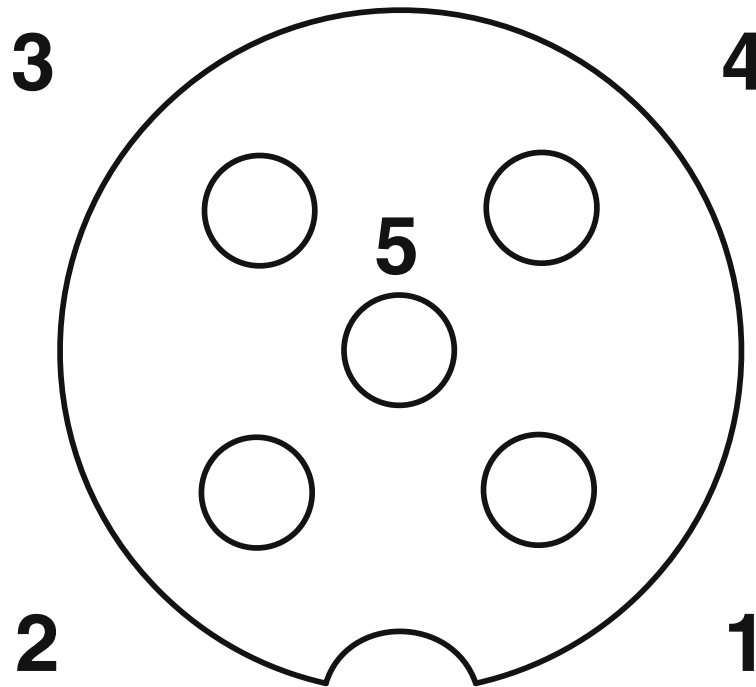
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Drawings

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1440067>

|  cUL Recognized Approval ID: FILE E 221474 | | | | |
|---|-----------------------|-----------------------|-------------------|----------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 60 V | 4 A | - | - |

|  UL Recognized Approval ID: FILE E 221474 | | | | |
|--|-----------------------|-----------------------|-------------------|----------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 60 V | 4 A | - | - |

|  UL Recognized Approval ID: E221474-20070307 | | | | |
|---|-----------------------|-----------------------|-------------------|----------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 60 V | 4 A | - | - |

|  cUL Recognized Approval ID: E221474-20070307 | | | | |
|--|-----------------------|-----------------------|-------------------|----------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 60 V | 4 A | - | - |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440110 |
| ECLASS-15.0 | 27440110 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC003568 |
|-----------|----------|

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 | 07cc7c8d-1b47-4789-af1c-df168d93bb1d |

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 0.742 kg CO2e |
|---------|---------------|

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