

SAC-3P-Y/2XFS B PE SCO - Y distributor



1523968

<https://www.phoenixcontact.com/us/products/1523968>

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 documentation. Our general terms of use for downloads are valid.



Y distributor, 4-position, Plug straight M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: A, PIN 2+4 bridged and Socket straight M12 SPEEDCON, coding: A, PIN 2+4 bridged, Thread M12 socket not rotatable

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1523968 |
| Packing unit | 5 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF10 |
| Product key | AF1GAB |
| GTIN | 4046356072960 |
| Weight per piece (including packing) | 29.4 g |
| Weight per piece (excluding packing) | 25.97 g |
| Customs tariff number | 85366990 |
| Country of origin | PL |

SAC-3P-Y/2XFS B PE SCO - Y distributor



1523968

<https://www.phoenixcontact.com/us/products/1523968>

Technical data

Product properties

| | |
|----------------------|---------------|
| Product type | Y-distributor |
| Number of positions | 4 |
| No. of cable outlets | 2 |
| Shielded | no |
| Coding | A |
| Thread type | M12 |

Insulation characteristics

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

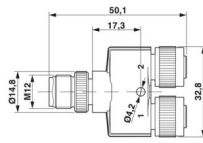
Electrical properties

| | |
|-----------------------|----------------------------|
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |
| Nominal voltage U_N | 48 V AC |
| | 60 V DC |
| Nominal current I_N | 4 A |

Signaling

| | |
|------------------------|----|
| Status display | no |
| Status display present | no |

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 33 mm |
| Height | 14.8 mm |
| Length | 50.1 mm |
| Center distance | 18 mm |

Material specifications

| | |
|--|---|
| Flammability rating according to UL 94 | HB |
| Seal material | NBR |
| Material of grip body | TPU, hardly inflammable, self-extinguishing |
| Contact material | CuZn |
| Contact surface material | Ni/Au |
| Contact carrier material | TPU GF |
| Material for screw connection | Zinc die-cast, nickel-plated |

SAC-3P-Y/2XFS B PE SCO - Y distributor



1523968

<https://www.phoenixcontact.com/us/products/1523968>

Connector

Connection 1

| | |
|--------------|----------------------------|
| Type | Plug straight M12 SPEEDCON |
| Locking type | SPEEDCON |
| Coding type | A |

Connection 2

| | |
|--------------|------------------------------|
| Type | Socket straight M12 SPEEDCON |
| Locking type | SPEEDCON |
| Coding type | A |

Connection 3

| | |
|--------------|------------------------------|
| Type | Socket straight M12 SPEEDCON |
| Locking type | SPEEDCON |
| Coding type | A |

Mechanical properties

Mechanical data

| | |
|-----------------------------|-------|
| Insertion/withdrawal cycles | ≥ 100 |
|-----------------------------|-------|

Environmental and real-life conditions

Ambient conditions

| | |
|---|----------------------------------|
| Degree of protection | IP65 |
| | IP67 |
| Ambient temperature (operation) (male connector/female connector) | -25 °C ... 90 °C (Plug / socket) |

Standards and regulations

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

SAC-3P-Y/2XFS B PE SCO - Y distributor

1523968

<https://www.phoenixcontact.com/us/products/1523968>

Drawings

Dimensional drawing



Plug M12 x 1, Y distributor

Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side

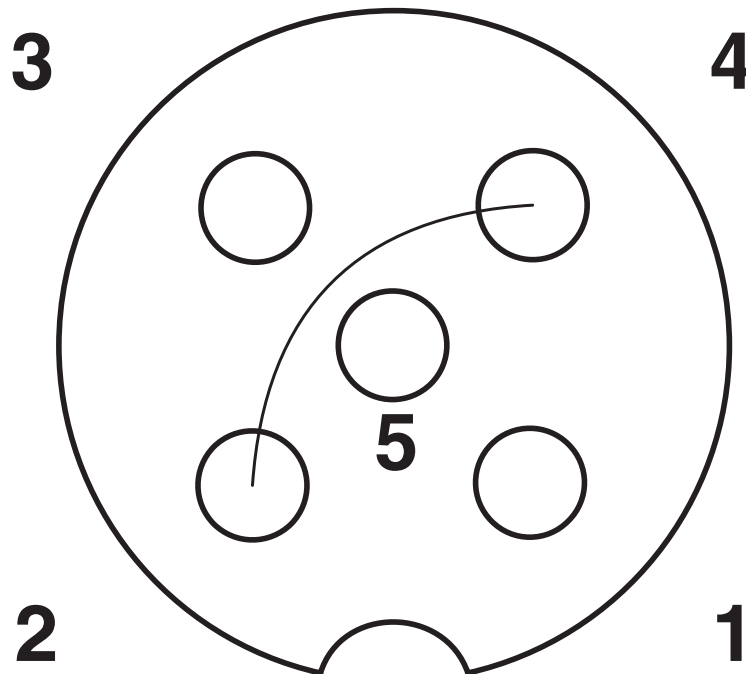
SAC-3P-Y/2XFS B PE SCO - Y distributor

1523968

<https://www.phoenixcontact.com/us/products/1523968>

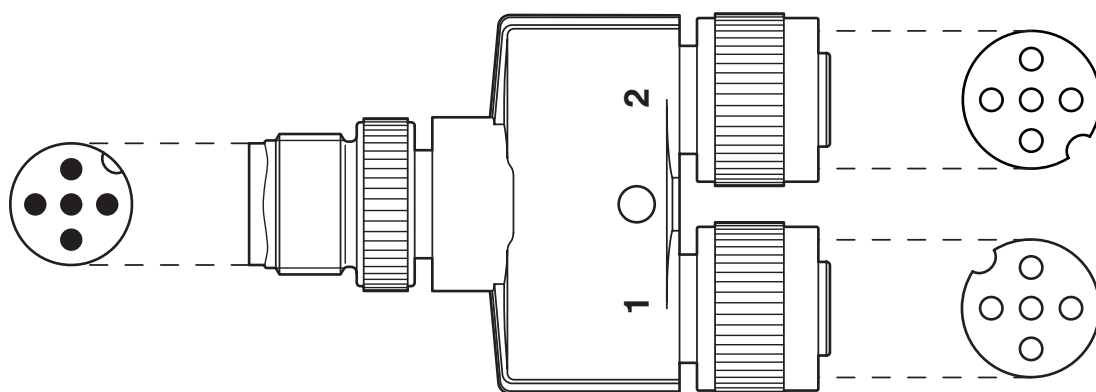


Schematic diagram



Pin assignment M12 socket, 5-pos., PIN 2+4 bridged, A-coded, socket side view

Schematic diagram

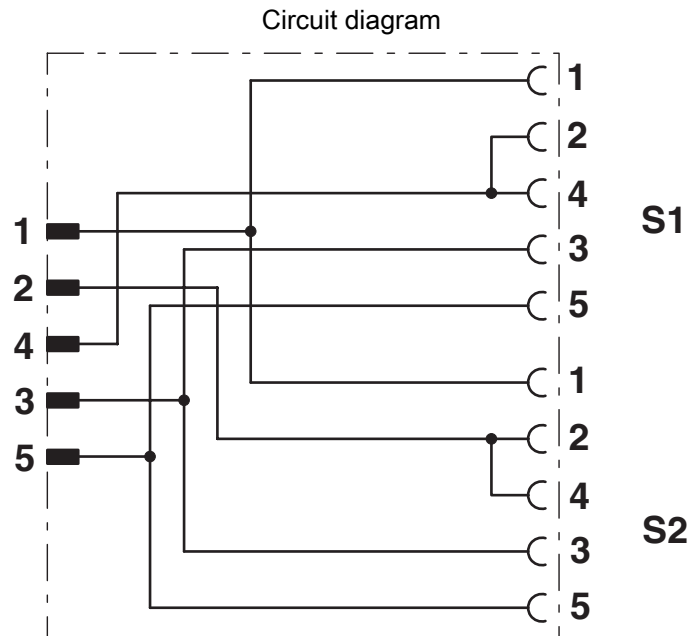


Layout of connector pin assignments

SAC-3P-Y/2XFS B PE SCO - Y distributor

1523968

<https://www.phoenixcontact.com/us/products/1523968>



Contact assignment of the M12 Y distributor

SAC-3P-Y/2XFS B PE SCO - Y distributor



1523968

<https://www.phoenixcontact.com/us/products/1523968>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1523968>



EAC

Approval ID: RU C-DE.AI30.B.01102



UL Listed

Approval ID: E221474

| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
|-------|-----------------------|-----------------------|-------------------|-----------------------------|
| keine | | | | |
| | 30 V | 4 A | - | - |



cUL Listed

Approval ID: E221474

| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
|-------|-----------------------|-----------------------|-------------------|-----------------------------|
| keine | | | | |
| | 30 V | 4 A | - | - |

SAC-3P-Y/2XFS B PE SCO - Y distributor



1523968

<https://www.phoenixcontact.com/us/products/1523968>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440106 |
| ECLASS-15.0 | 27440106 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC002925 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 31251500 |
|-------------|----------|

SAC-3P-Y/2XFS B PE SCO - Y distributor



1523968

<https://www.phoenixcontact.com/us/products/1523968>

Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

China RoHS

| | |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 1.241 kg CO2e |
|---------|---------------|

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com