

# SACB-4/8-C SCO SELECT GG - Distributor box header



1403409

<https://www.phoenixcontact.com/us/products/1403409>

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.



Distributor box header, number of slots: 4, number of positions: 5, coding: A, slot assignment: parallel, status display: no 180°

The product photo shows a version with LED

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1403409       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 10 pc         |
| Product key                          | AF3CCD        |
| GTIN                                 | 4046356651301 |
| Weight per piece (including packing) | 193.6 g       |
| Weight per piece (excluding packing) | 188.9 g       |
| Country of origin                    | DE            |

# SACB-4/8-C SCO SELECT GG - Distributor box header



1403409

<https://www.phoenixcontact.com/us/products/1403409>

## Technical data

### Notes

|                     |   |
|---------------------|---|
| Assembly note       | <b>NOTE:</b> 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. |
| Note on application | Unused slots are to be sealed off prior to commissioning. Suitable sealing elements are to be found under "Accessories".  |

### Product properties

|                     |                 |
|---------------------|-----------------|
| Product type        | Distributor box |
| Number of positions | 5               |
| Number of slots     | 4               |
| Coding              | A               |

### Electrical properties

|   |         |
|---|---------|
| Nominal voltage $U_N$                   | 48 V AC |
|   | 60 V DC |
| Rated current, total                    | 10 A    |
| Max. current carrying capacity per path | 2 A     |
| Current carrying capacity per slot      | 4 A     |

### Connection data

#### Conductor connection

|  |        |
|--|--------|
| Tightening torque slot sensor/actuator cable               | 0.4 Nm |
| Tightening torque of mounting screw for fixing the housing | 0.5 Nm |

### Signaling

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

### Material specifications

|  |               |
|--|---------------|
| Material Threaded sleeve                                 | Die-cast zinc |
| Material Housing   | PBT           |
| Material Molding compound                                | PUR           |
| Flammability rating according to UL 94                   | V0            |
| Seal material O-ring                                     | NBR           |
| Contact material   | Cu alloy      |
| Contact surface material                                 | gold-plated   |
| Contact carrier material                                 | PA            |
| Material of contact, master cable side                   | CU alloy      |
| Material of the contact carrier on the master cable side | PA 6.6 V0     |
| Material of contact surface, master cable side           | gold-plated   |

# SACB-4/8-C SCO SELECT GG - Distributor box header



1403409

<https://www.phoenixcontact.com/us/products/1403409>

## Environmental and real-life conditions

### Ambient conditions

|                      |       |
|----------------------|-------|
| Degree of protection | IP65  |
|                      | IP67  |
|                      | IP69K |

## Standards and regulations

### M12

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

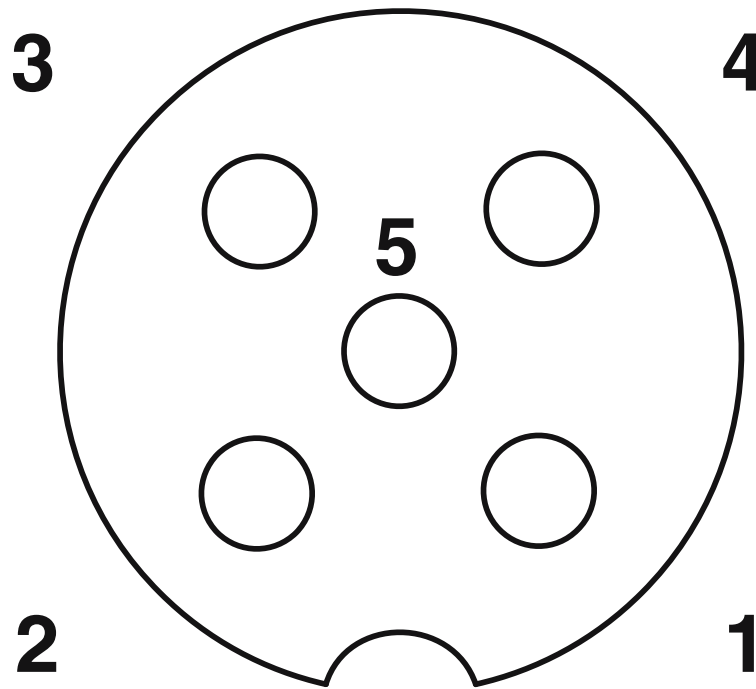
# SACB-4/8-C SCO SELECT GG - Distributor box header

1403409

<https://www.phoenixcontact.com/us/products/1403409>

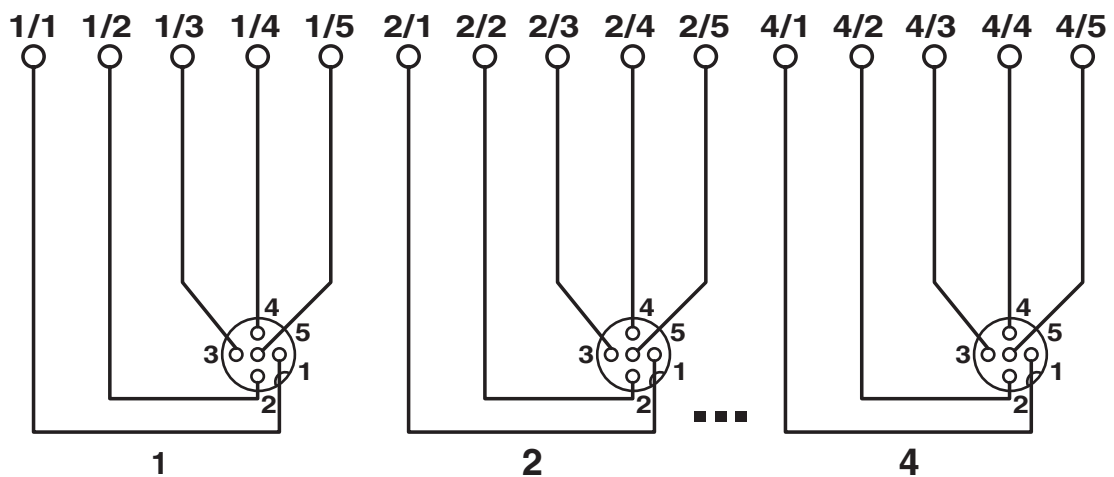
## Drawings

Schematic diagram



Pin assignment of M12 socket, 5-pos.

Circuit diagram



# SACB-4/8-C SCO SELECT GG - Distributor box header



1403409

<https://www.phoenixcontact.com/us/products/1403409>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440111 |
| ECLASS-15.0 | 27440111 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC003558 |
|----------|----------|

### UNSPSC

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

# SACB-4/8-C SCO SELECT GG - Distributor box header



1403409

<https://www.phoenixcontact.com/us/products/1403409>

## 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% |
|-------------------------------------|----------------------------|

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](mailto:info@phoenixcon.com)