

**SACB-8/16-M23 SH**

Order No.: 1695773

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1695773>

Sensor/actuator box, M12 female connector, Number of slots: 8,  
Number of positions: 5, Slot assignment: Double, Status indication:  
No, Universal 90°, Shielding: Yes

| Commercial data          |  |
|--------------------------|--|
| GTIN (EAN)               | <br>4 017918 899417 |
| Note                     | Made-to-order  |
| sales group              | D107   |
| Pack                     | 1 pcs.   |
| Customs tariff           | 85366990   |
| Catalog page information | Page 120 (PC-2009)   |

## Product notes

WEEE/RoHS-compliant since:  
05/12/2006



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

| Technical data                           |         |
|--|---------|
| <b>General data</b>                      |         |
| Rated voltage                            | 48 V    |
|  | 60 V DC |
| Current carrying capacity per I/O signal | 2 A     |
| Current carrying capacity per slot       | 4 A     |

|                                    |                      |
|------------------------------------|----------------------|
| Total rated current                | 12 A                 |
| Number of positions                | 5                    |
| Number of slots                    | 8                    |
| Degree of protection               | IP65/IP67            |
| Inflammability class acc. to UL 94 | V0                   |
| Ambient temperature (operation)    | -25 °C ... 70 °C     |
| Sensor/actuator connection system  | M12 female connector |

**Master cable data**

|  |                     |
|--|---------------------|
| Type of connection                           | M23 plug connection |
| Tightening torque slot sensor/actuator cable | 0.4 Nm              |
| Tightening torque screw plug                 | 0.4 Nm              |

**Insulation material**

|  |               |
|--|---------------|
| Housing material   | Aluminum      |
| Housing surface material                                 | Nickel-plated |
| Material of the moulding mass                            | PUR           |
| Contact material   | Cu alloy      |
| Contact surface material                                 | Gold-plated   |
| Contact carrier material                                 | PA            |
| Material of contact, master cable side                   | CU alloy      |
| Material of contact surface, master cable side           | Gold-plated   |
| Material of the contact carrier on the master cable side | PA 66 V0      |
| Material, O-ring   | NBR           |

**Pin assignment**

|  |                |
|--|----------------|
| Slot/position = Wire color or connection | 1 / 4 (A) = 15 |
|--|----------------|

|  |                       |
|--|-----------------------|
|  | 1 / 2 (B) = 7         |
|  | 2 / 4 (A) = 5         |
|  | 2 / 2 (B) = 4         |
|  | 3 / 4 (A) = 16        |
|  | 3 / 2 (B) = 8         |
|  | 4 / 4 (A) = 3         |
|  | 4 / 2 (B) = 14        |
|  | 5 / 4 (A) = 17        |
|  | 5 / 2 (B) = 9         |
|  | 6 / 4 (A) = 2         |
|  | 6 / 2 (B) = 13        |
|  | 7 / 4 (A) = 11        |
|  | 7 / 2 (B) = 10        |
|  | 8 / 4 (A) = 1         |
|  | 8 / 2 (B) = 18        |
|  | 1-8 / 1 (+ 48 V) = 19 |
|  | 1-8 / 3 (0 V) = 6     |
|  | 1-8 / 5 (PE) = 12     |

### Certificates / Approvals



Certification

GOST

### Accessories

| Item                                   | Designation       | Description   |
|--|-------------------|---|
| <b>Marking</b>                         |                   |   |
| 2809128                                | ZBN 18:UNBEDRUCKT | Unprinted marker labels, strips with 5 labels for individual labeling with M-PEN or CMS system, for terminal block width: 17.5 mm, color: White |
| <b>Protection and sealing elements</b> |                   |   |
| 1503302                                | PROT-M12 SH       | An M12 screw plug for the unoccupied M12 sockets of the shielded sensor/actuator cable, boxes and flush-type connectors                         |

**Socket**

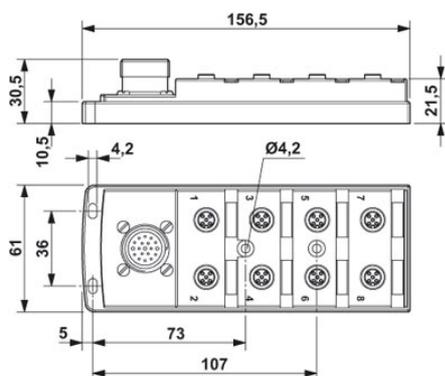
|         |                            |  |
|---------|----------------------------|--|
| 1685505 | RC/TGGM/KVD/LBL 16+3       | Female connector M23, 19-pos., straight, shielded, freely configurable, with solder connection, for external cable diameter 9.5 mm ... 14.5 mm |
| 1685518 | RC/TWGM/KVD/LBL 16+3       | Female connector M23, 19-pos., angled, shielded, freely configurable, with solder connection, for external cable diameter 9.5 mm ... 14.5 mm   |
| 1519529 | RCK-TWGM/BL16+3/ 5,0PUR SH | Female connector M23, 19-pos., angled, shielded, with shielded, connected master cable, length: 5 m  |
| 1511828 | RCK-TWGM/BL16+3/10,0PUR SH | Female connector M23, 19-pos., angled, shielded, with shielded, connected master cable, length: 10 m   |

**Tools**

|         |                  |   |
|---------|------------------|---|
| 1208432 | SAC BIT M12-D15  | Nut for assembling sensor/actuator cables with M12 connector and for M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive |
| 1208445 | SACC BIT M12-D20 | Nut for assembling SACC M12 connectors for free assembly, excluding M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive  |
| 1208429 | TSD 04 SAC       | Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors  |

**Diagrams/Drawings**

## Dimensioned drawing





**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



© 2010 Phoenix Contact  
Technical modifications reserved;

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9