

## Connector hood - SACB-C-H180-10/3-M8 - 1516412

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Connector hood, For use in Sensor/actuator box, Connection method: M8 socket, Number of slots: 10, Slot assignment: Single, Status indication: No; Master cable connection: Pluggable screw connection 180°

### Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 PCE   |
| GTIN                                 | <br>4 017918 967314 |
| Weight per Piece (excluding packing) | 52.2 GRM  |
| Custom tariff number                 | 85444290  |
| Country of origin                    | Poland  |

### Technical data

#### General

|  |           |
|--|-----------|
| Rated voltage                            | 120 V     |
| Current carrying capacity per I/O signal | 2 A       |
| Total rated current                      | 8 A       |
| Number of slots                          | 10        |
| Sensor/actuator connection system        | M8 socket |

#### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Degree of protection            | IP65             |
|                                 | IP67             |
| Ambient temperature (operation) | -30 °C ... 80 °C |

#### Master cable data/connection data

|   |                            |
|---|----------------------------|
| Connection method                         | Pluggable screw connection |
| Conductor cross section min. (signal)     | 0.14 mm <sup>2</sup>       |
| Conductor cross section max. (signal)     | 1.5 mm <sup>2</sup>        |
| Conductor cross section AWG min. (signal) | 26                         |
| Conductor cross section AWG max. (signal) | 16                         |

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### Technical data

#### Master cable data/connection data

|   |                      |
|---|----------------------|
| Stripping length (signal)                 | 7 mm                 |
| Conductor cross section min. (energy)     | 0.14 mm <sup>2</sup> |
| Conductor cross section max. (energy)     | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG min. (energy) | 26                   |
| Conductor cross section AWG max. (energy) | 16                   |
| External cable diameter min.              | 7 mm                 |
| External cable diameter max.              | 12 mm                |
| Stripping length                          | 60 mm (Master cable) |
| Tightening torque, cover screw            | 1 Nm                 |
| Tightening torque, union nut              | 2.5 Nm               |

#### Insulation material

|  |             |
|--|-------------|
| Housing material   | PBT         |
| 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          |

#### Pin assignment

|  |                                   |
|--|-----------------------------------|
| Slot/position = Wire color or connection | 1 / 4 (A) = 1 / 4                 |
|  | 2 / 4 (A) = 2 / 4                 |
|  | 3 / 4 (A) = 3 / 4                 |
|  | 4 / 4 (A) = 4 / 4                 |
|  | 5 / 4 (A) = 5 / 4                 |
|  | 6 / 4 (A) = 6 / 4                 |
|  | 7 / 4 (A) = 7 / 4                 |
|  | 8 / 4 (A) = 8 / 4                 |
|  | 9 / 4 (A) = 9 / 4                 |
|  | 10 / 4 (A) = 10 / 4               |
|  | 1-10 / 1 (+24 V) = U <sub>N</sub> |
|  | 1-10 / 3 (0 V) = 0 V              |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27140815 |
| eCl@ss 4.1 | 27140815 |
| eCl@ss 5.0 | 27143423 |
| eCl@ss 5.1 | 27143423 |

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## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 6.0 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| eCl@ss 8.0 | 27449001 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000200 |
| ETIM 3.0 | EC001856 |
| ETIM 4.0 | EC002585 |
| ETIM 5.0 | EC001855 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 31261501 |

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

|                    |      |
|--------------------|------|
| UL Recognized      |      |
| Nominal voltage UN | 24 V |

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## Approvals

|                    |      |
|--------------------|------|
| cUL Recognized     |      |
| Nominal voltage UN | 24 V |

|      |
|------|
| GOST |
|------|

|                  |
|------------------|
| cULus Recognized |
|------------------|

## Accessories

### Accessories

#### Cable by the meter

Master cable ring - SACB-10X0,34/2X0,75-50 PUR - 1517602



Master cable for sensor/actuator boxes, without PE conductor, unshielded, material PUR/PVC, 12-pos., 10 x 0.34 mm<sup>2</sup> and 2 x 0.75 mm<sup>2</sup>, length: 50 m

#### Labeled terminal marker

Zack Marker strip, flat - ZBF10 CUS - 0825031



Zack Marker strip, flat, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 10 mm, Lettering field: 5.15 x 10 mm

#### Screwdriver tools

## Connector hood - SACB-C-H180-10/3-M8 - 1516412

### Accessories

Tool - SAC BIT HOOD-W 24 - 1212486



Nut for assembling pressure nuts with 24 mm wrench size, for 4 mm hexagonal drive

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Philips screwdriver - SZK PZ2 VDE - 1206463



Screwdriver, PZ crosshead, VDE insulated, size: PZ 2 x 100 mm, 2-component grip, with non-slip grip

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### Terminal marking

Zack Marker strip, flat - ZBF10:UNBEDRUCKT - 0809997



Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 10 mm, Lettering field: 5.15 x 10 mm

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### Torque tool

Torque screwdriver - TSD 25 SAC - 1212315



Torque screwdriver, with preset torque of 2.5 Nm and 4 mm hexagonal drive for the pressure nut of the connector hood