

SACB-10/3-L-C-M8 HD GG - Distributor box header



1197623

<https://www.phoenixcontact.com/us/products/1197623>

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Distributor box header, application: Standard, connection method: M8 socket Metal, number of slots: 10, number of positions: 3, coding: A, slot assignment: single, status display: yes, PNP; master cable connection: Plug-in master cable connection, shielding: no

Your advantages

- Safety in the field, thanks to molded housing and high degree of protection
- Convenient: increased machine availability thanks to quick and easy diagnostics
- Flexible: distributor box with connector hood for on-site assembly

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1197623 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF40 |
| Product key | AF3BCD |
| GTIN | 4063151256487 |
| Weight per piece (including packing) | 162.8 g |
| Weight per piece (excluding packing) | 162.8 g |
| Customs tariff number | 85444290 |
| Country of origin | DE |

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Technical data

Notes

| | |
|---------------------|---|
| Assembly note | NOTE: 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 | Header with metric measurement slots |
| Application | Standard |
| Number of positions | 3 |
| Number of slots | 10 |
| Coding | A |
| LED | yes |

System properties

Local diagnostics

| | |
|------------------------|----------------|
| Monitored function | Supply voltage |
| Optical representation | Green LED |

Electrical properties

| | |
|---|-------------------------------|
| Max. operating voltage U_{max} | 30 V DC |
| Local diagnostics | Supply voltage Green LED |
| | Status display I/O Yellow LED |
| Nominal voltage U_N | 24 V DC |
| Rated current, total | 8 A |
| Max. current carrying capacity per path | 2 A |
| Current carrying capacity per slot | 2 A |

Signaling

| | |
|------------------------|-----|
| Status display present | yes |
|------------------------|-----|

Dimensions

| | |
|---------------------|-------|
| Dimensional drawing | |
| Width | 30 mm |

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| | |
|--------|--------|
| Height | 17 mm |
| Length | 200 mm |

Material specifications

| | |
|--|------------|
| Material Threaded sleeve | Cu alloy |
| Material Housing | PBT |
| Material Molding compound | PUR |
| Seal material O-ring | FKM |
| Contact material | CuZn |
| Contact surface material | Ni/Au |
| Contact carrier material | PBT |
| Material of contact, master cable side | CU alloy |
| Material of the contact carrier on the master cable side | PA |
| Material of contact surface, master cable side | tin-plated |

Cable/line

| | |
|-------------------|---------------------------------|
| Connection method | Plug-in master cable connection |
|-------------------|---------------------------------|

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|------------------|
| Degree of protection | IP67 |
| Ambient temperature (operation) | -25 °C ... 80 °C |

Standards and regulations

| | |
|--------------------------|-----------------|
| Standard designation | M8 connector |
| Standards/specifications | IEC 61076-2-104 |

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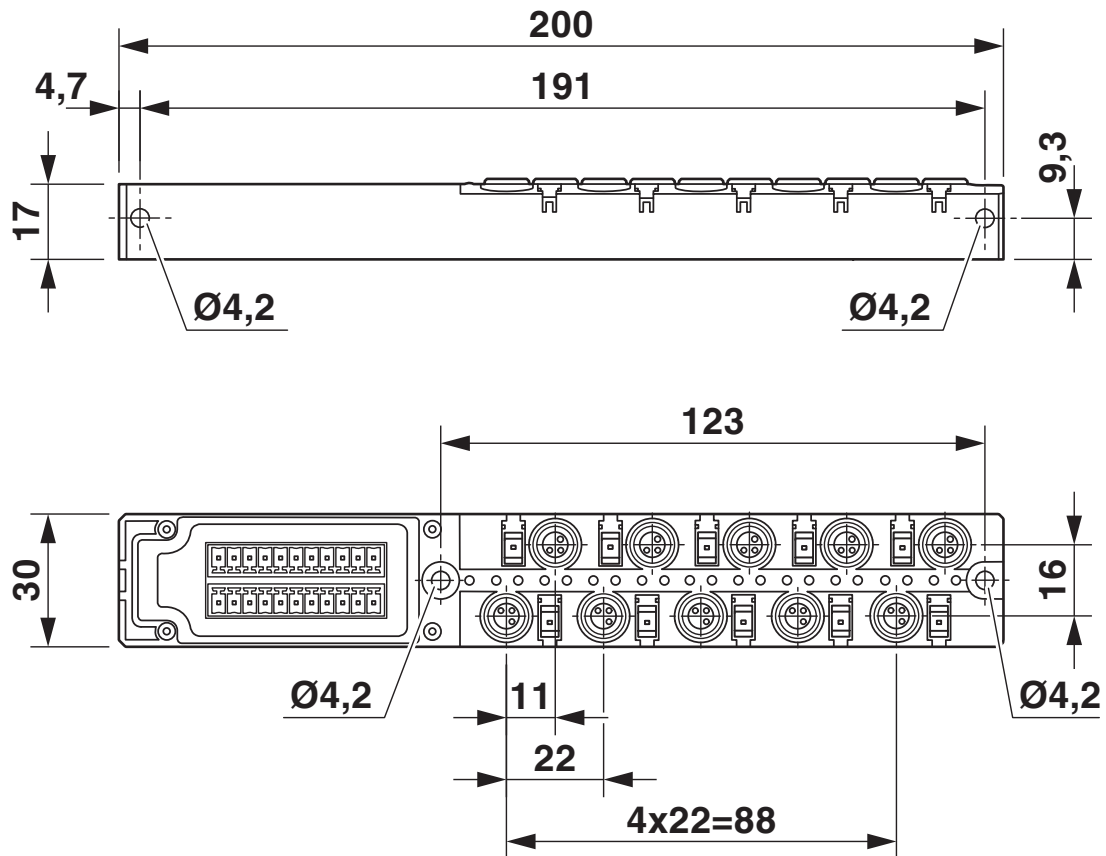


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Drawings

Dimensional drawing



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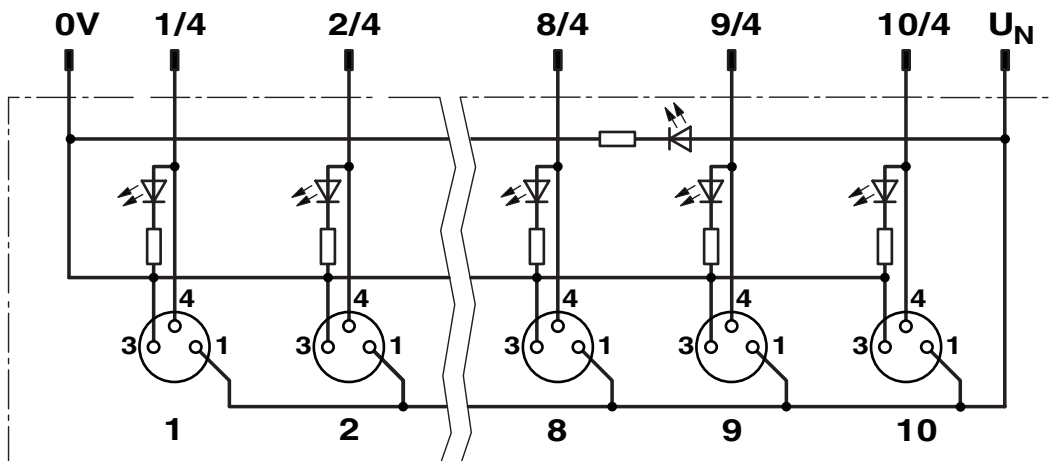
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Schematic diagram



M8 slot, socket, 3-pos.

Circuit diagram



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Classifications

ECLASS

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

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC003558 |
|-----------|----------|

UNSPSC

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

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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% |
|-------------------------------------|----------------------------|

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