

CH-HPBC-HPBD-08-0500-AA

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com



Product similar to illustration

The increasingly networked industrial world goes hand in hand with the modularization of machines and systems. Functions from the control cabinet are increasingly being moved to field level, which drives up the amount of cabling required.

Our ready-for-connection cable assemblies can be used wiring in field level and for transmitting data or power in various applications. The Plug & Produce solution by Weidmüller are fully tested and will lead to simplification of assembly on your machine. This allows you to focus on your core competencies and further increase your efficiency.

With our broad product portfolio of certified components, we offer you a wide diversification so that we can provide you the perfect solution for your application.

If you cannot find the cable assembly you are looking for despite our continuously growing portfolio, we can also offer you different length variants and customer-specific solutions.

General ordering data

| | |
|------------|--|
| Version | Heavy duty connector assemblies, Pin, Socket connector, Helukabel JZ-500 10G2.5 or similar, Shielded: No, Number of poles: 8 |
| Order No. | 2712450500 |
| Type | CH-HPBC-HPBD-08-0500-AA |
| GTIN (EAN) | 4050118779561 |
| Qty. | 1 items |

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Technical data

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Dimensions and weights

| | |
|------------|-----------|
| Net weight | 1724.42 g |
|------------|-----------|

Temperatures

| | |
|-------------------|------------------|
| Limit temperature | -40 °C ... 80 °C |
|-------------------|------------------|

Environmental Product Compliance

| | |
|--------------------------------------|---|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3, 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1 |
| SCIP | 1344e4a2-b558-4ad0-95d1-5c6df3fdd75e |

General Technical Data

| | | | |
|-------------------|-------|-----------------|---------------------|
| Number of poles | 8 | Pin arrangement | 1:1, numbered cores |
| Nominal voltage | 500 V | Nominal current | 16 A |
| Protection degree | IP65 | | |

Technical Specifications Connector

| Connector | Connector description | Connector 1 |
|-----------|---------------------------------|--|
| | Cable entry | angled |
| | Housing main material | Plastic |
| | Number of poles | 8 |
| | Series | HQ |
| | Size | HQ |
| | Type | Male |
| | Individual components connector | HDC HQP TSLU 1PG16 , HDC HQ 8 MC , HDC-C-HE-SM2.5AG , VG 16 HQ K68 11.5-15.5 |
| | Connector description | Connector 2 |
| | Cable entry | angled |
| | Housing main material | Plastic |
| | Number of poles | 8 |
| | Series | HQ |
| | Size | HQ |
| | Type | Female |
| | Individual components connector | HDC HQP TSLU 1PG16 , HDC HQ 8 FC , HDC-C-HE-BM2.5AG , VG 16 HQ K68 11.5-15.5 |

Technical specifications for cable

| | | | |
|-------------------------------------|-------|-------------------------------------|------------------------------------|
| Cable length | 5 m | Line type | Helukabel JZ-500 10G2.5 or similar |
| Sheathing colour | grey | Core cross-section | 2.5 mm ² |
| Number of wires | 10 | Shielded | No |
| Halogen | Yes | Insulation | PVC |
| Temperature range, moving, max. | 80 °C | Temperature range, moving, min. | -15 °C |
| Temperature range, stationary, max. | 80 °C | Temperature range, stationary, min. | -40 °C |

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Technical data

| | | | |
|------------------------------|----------------------|----------------------------------|--------------------|
| Bending radius, min., moving | 7.5 x cable diameter | Bending radius, min., stationary | 4 x cable diameter |
| Sheath material | PVC | Outside diameter | 14.8 mm |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC001576 | ETIM 9.0 | EC001576 |
| ETIM 10.0 | EC001576 | ECLASS 14.0 | 27-06-04-02 |
| ECLASS 15.0 | 27-06-04-02 | | |