CH-HPBC-XXXX-08-0500-AA

IP65 **2.5 mm²** **RoHS COMPLIANT**

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, Series: HQ, Size: HQ, Pin, Helukabel JZ-500 10G2.5 or similar, Shielded: No, Number of poles: 8
Order No.	2712490500
Type	CH-HPBC-XXXX-08-0500-AA
GTIN (EAN)	4050118779752
Qty.	1 pc(s).

Weidmüller ⧐Ε

CH-HPBC-XXXX-08-0500-AA

Technical data

Dimensions and weights

Net weight	1,655.35 g

Temperatures

Limit temperature	-40 °C ... 80 °C

Environmental Product Compliance

REACH SVHC	Potassium perfluorobutane sulfonate 29420-49-3

Technical specifications for cable

Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	5 m	Core cross-section	2.5 mm²
Halogen	Yes	Insulation	PVC
Number of poles	8	Number of wires	10
Outside diameter	14.8 mm	Sheath material	PVC
Sheathing colour	grey	Shielded	No
Temperature range, moving	-15...80 °C	Temperature range, stationary	-40...80 °C

General technical data

Protection degree	IP65	Rated voltage	500 V
Version	Pin		

General Technical Data

Number of poles	8	Pin arrangement	1:1, numbered cores
Protection degree	IP65	Rated voltage	500 V

Technical Specifications Connector

Connector		Connector description	Connector 1
		Housing main material	Plastic
		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

Technical specifications for cable

Bending radius, min., moving	7.5 x cable diameter		
Bending radius, min., stationary	4 x cable diameter		
Cable length	5 m		
Core cross-section	2.5 mm²		
Halogen	Yes		
Insulation	PVC		
Line type	Helukabel JZ-500 10G2.5 or similar		
Number of wires	10		
Outside diameter	Diameter		14.8 mm
Outside diameter	14.8 mm		
Sheath material	PVC		
Sheathing colour	grey		

CH-HPBC-XXXX-08-0500-AA

Technical data

Shielded	No
Temperature range, moving	-15...80 °C
Temperature range, moving, max.	80 °C
Temperature range, moving, min.	-15 °C
Temperature range, stationary	-40...80 °C
Temperature range, stationary, max.	80 °C
Temperature range, stationary, min.	-40 °C

Classifications

ETIM 6.0	EC001576	ETIM 7.0	EC001576
ECLASS 9.0	27-06-04-02	ECLASS 9.1	27-06-91-90
ECLASS 10.0	27-06-04-02	ECLASS 11.0	27-06-04-02

Approvals

ROHS	Conform

Downloads

Brochure/Catalogue	Catalogues in PDF-format