

**Industrial Ethernet
IE-BI-RJ45-C****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



FrontCom® Vario integrates multiple functions in only one single frame. The system is easy to install and you can select from a wide range of data, signal and power modules. In addition to being extremely compact, FrontCom® Vario offers a number of unique product features that will make your project planning and work activities secure, fast and future-proof. Furthermore, the FrontCom® Vario system has an attractive housing design that, by the way, offers highest impact-resistance and fully meets the requirements of IP 65 protection class.

General ordering data

Type	IE-BI-RJ45-C
Order No.	1962840000
Version	RJ45 insert, Bulkhead inserts coupler
GTIN (EAN)	4032248645046
Qty.	10 pc(s).

Industrial Ethernet IE-BI-RJ45-C

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data

Dimensions and weights

Net weight 23 g

Temperatures

Operating temperature, max.	70 °C	Operating temperature, min.	-40 °C
Operating temperature	-40 °C...70 °C	Storage temperature	
Installation temperature			

General data

Insert type	Insert data SteadyTec	Product type	RJ45 insert
Protection degree	IP67 with housing		

General data

Fire load	33 kJ	Connection 1	RJ45
Connection 2	RJ45	Description of article	Bulkhead inserts coupler
Colour	Miscellaneous	Housing main material	Zinc diecast
Speed	10 GBit/s	Category	Cat.6 _A / Class E _A (ISO/IEC 11801 2010)
Contact surface	Gold over nickel, Au ≥ 0.8 µm	Shielding	360° all-round enclosure
Protection degree	IP67 with housing	Plugging cycles	750

Electrical properties

PoE / PoE+ conforming to IEEE 802.3af

Standards

Generic communication cable facilities	ANSI / TIA / EIA-568-B.2-10, DIN EN 61918 Draft 02.2007, EN 50173-1:2007, ISO / IEC 11801:2002, ISO / IEC 24702:2006	IP protection classes	IEC 60529
Connector standard	IEC 60603-7-5 1	UL standard for communication accessories	UL 1863
Certificate No. (GERMLLOYD)	13866-15	Certificate no. (cULus)	E316369

Downloads

Attestation of conformity ISO/IEC EN & TIA/EIA Screened Class E Category 6, 3 connector permanent link	ac107534.pdf	Attestation of conformity ISO/IEC EN & TIA/EIA Screened Class E Category 6, 4 connector channel	ac107533.pdf
Attestation of conformity ISO/IEC EN & TIA/EIA Screened Class EA Category 6A, 2 connector channel	ac107535.pdf	Attestation of conformity ISO/IEC EN & TIA/EIA Screened Class EA Category 6A, 4 connector channel	z1755b-07-E.pdf
CC-Link certification	CC-Link IE-BI-RJ45-C.PDF	GL Approval Guidelines	GL_FrontCom.pdf
GOST Approval	POCC DE.ME25.B01411.pdf	PROFINET Manufacturer's Declaration	PN Manufacturer Declaration.pdf
UL Approval	DUXR.E316369.pdf		

Data sheet

**Industrial Ethernet
IE-BI-RJ45-C**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

Classifications

ETIM 3.0	EC001121	ETIM 4.0	EC001121
ETIM 5.0	EC001121	ETIM 6.0	EC001121
UNSPSC	30-21-18-01	eClass 5.1	27-14-40-17
eClass 6.2	27-25-05-04	eClass 7.1	27-25-05-04
eClass 8.1	19-17-01-25	eClass 9.0	19-17-01-25
eClass 9.1	27-44-09-90		

Approvals

Approvals



ROHS

Conform

**Industrial Ethernet
IE-BI-RJ45-C**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

Dimensioned drawing

