

Junction Box Connectivity Products

Multibox® Eurofast® Junction Boxes, NAMUR, 2 Circuits per Port

- 4 Ports
- Rugged Plastic Housing with Flush Connectors
- M12 or M23 Quick Disconnect or Integral Home Run Cable
- For use with NAMUR Sensors



2 Circuits per Port, Common Positive, 100 VDC

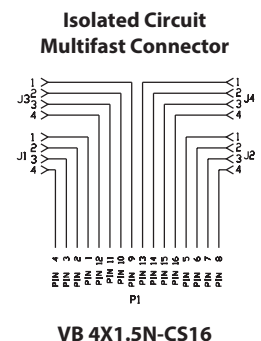
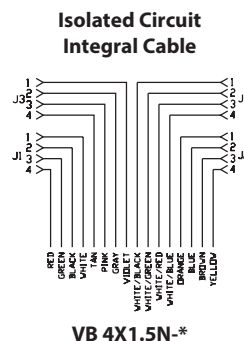
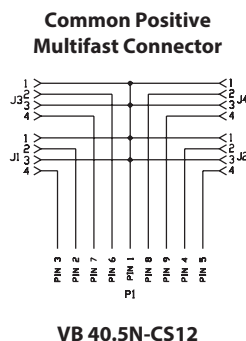
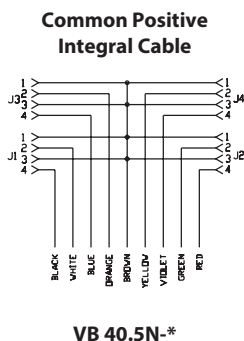
Application	Specifications	Pinout				Part Number
4-port J-box 2 circuits per port Integral cable	4 A/port, 9 A total Blue PVC cable, PLTC 9x22 AWG	<u>Function</u>	<u>Color</u>	<u>Function</u>	<u>Color</u>	VB 40.5N-*
		V+	BN	J3/Pin 2	OG	
		J1/Pin 2	WH	J3/Pin 4	BU	
		J1/Pin 4	BK	J4/Pin 2	YE	
		J2/Pin 2	GN	J4/Pin 4	VT	
4-port J-box 2 circuits per port Multifast® connector	4 A/port, 8 A total 12-pin Multifast connector 9 conductors. Mates with CKNM 12-9-*	<u>Function</u>	<u>Pin / Color</u>	<u>Function</u>	<u>Pin / Color</u>	VB 40.5N-CS12
		V+	1 / BN	J3/Pin 2	6 / OG	
		J1/Pin 2	2 / WH	J3/Pin 4	7 / BU	
		J1/Pin 4	3 / BK	J4/Pin 2	8 / YE	
		J2/Pin 2	4 / GN	J4/Pin 4	9 / VT	

2 Circuits per Port, Isolated Circuits, 100 VDC

Application	Specifications	Pinout				Part Number
4-port J-box 2 circuits per port Integral cable	4 A/port, 9 A total Blue PVC cable, PLTC 16x22 AWG	<u>Function</u>	<u>Color</u>	<u>Function</u>	<u>Color</u>	VB 4X1.5N-*
		J1/Pin 1	WH	J3/Pin 1	VT	
		J1/Pin 2	BK	J3/Pin 2	GY	
		J1/Pin 3	GN	J3/Pin 3	PK	
		J1/Pin 4	RD	J3/Pin 4	TN	
		J2/Pin 1	OG	J4/Pin 1	WH / BK	
		J2/Pin 2	BU	J4/Pin 2	WH / GN	
		J2/Pin 3	BN	J4/Pin 3	WH / RD	
4-port J-box 2 circuits per port Multifast cable	4 A/port, 8 A total 16-pin Multifast connector 16 conductors. Mates with CKNWM 16-16-*	<u>Function</u>	<u>Color</u>	<u>Function</u>	<u>Color</u>	VB 4X1.5N-CS16
		J1/Pin 1	1/WH	J3/Pin 1	9/VT	
		J1/Pin 2	2/BK	J3/Pin 2	10/GY	
		J1/Pin 3	3/GN	J3/Pin 3	11/PK	
		J1/Pin 4	4/RD	J3/Pin 4	12/TN	
		J2/Pin 1	5/OG	J4/Pin 1	13 / WH / BK	
		J2/Pin 2	6/BU	J4/Pin 2	14 / WH / GN	
		J2/Pin 3	7/BN	J4/Pin 3	15 / WH / RD	
J2/Pin 4	8/YE	J4/Pin 4	16 / WH / BU			

We reserve the right to make technical alterations without prior notice.

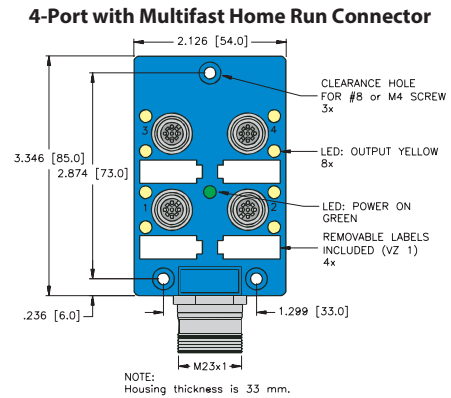
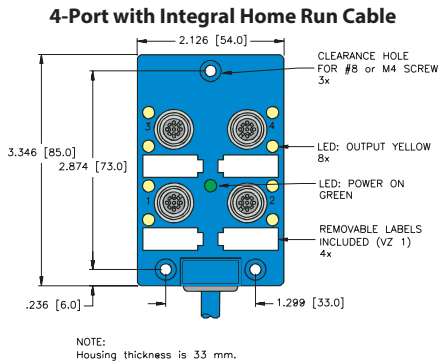
Functional Wiring Diagrams



Specifications

Housing:	Nylon	Temperature:	-40 °C to +90 °C (-40 °F to +194 °F)
Connectors:	Eurofast: Nylon or TPU	Protection:	IEC IP67
Contacts:	Gold plated brass, machined from solid stock	Accessories:	(2) VZ 3 closure caps and one VZ 1 label kit (8 labels) included
Thread Inserts:	Nickel plated brass	Cable Length:	Standard length for junction boxes and Multifast® series quick disconnect cordsets is nominal 5 meters
Cable:	See table		

Dimensions



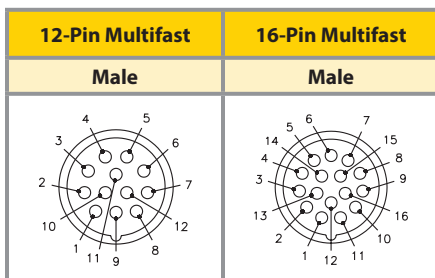
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multibox®, eurofast®

Notes

- Removable labels included (Part number VZ 1).
- Clearance hole for #8 screw (3 places).
- Housings with integral cable: 23 mm thickness. Housings with quick disconnect: 33 mm thickness.

Pinout



Female Pinout Diagram

