

Junction Box Connectivity Products

Multibox® Eurofast® Low Profile Junction Boxes, 6-Port

- Dual Input/Output per Port
- Rugged Plastic Housing
- Available with or without LEDs
- M23 Quick Disconnect or Integral Home Run Cable
- Threaded M12 Connection



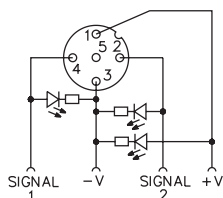
6-Port, 2 Signals per Port, 10-30 VDC

Application	Specifications	Pinout				No LEDs	PNP LED	NPN LED
6-port J-box 2 signals per port Integral cable	2 A/signal 9 A total Yellow PVC cable 3/18 AWG, 12/22 AWG foil shield and 22 AWG drain	<u>Function</u>	<u>Color</u>	<u>Function</u>	<u>Color</u>	6MB12Z-5*	6MB12Z-5P3*	6MB12Z-5N3*
		+V	BN	Port 3, Sig 1	YE			
6-port J-box 2 signals per port Multifast® connector Mates with CKM 19-15*	2 A/signal 9 A total 19-pin Multifast connector 15 conductors. Mates with CKM 19-15*	-V	BU	Port 3, Sig 2	WH / GN	6MB12Z-5-CS19	6MB12Z-5P3-CS19	6MB12Z-5N3-CS19
		Ground	GN / YE	Port 4, Sig 1	GY			
		Port 1, Sig 1	WH	Port 4, Sig 2	BN / GN			
		Port 1, Sig 2	GY / PK	Port 5, Sig 1	PK			
		Port 2, Sig 1	GN	Port 5, Sig 2	WH / YE			
		Port 2, Sig 2	RD / BU	Port 6, Sig 1	RD			
				Port 6, Sig 2	YE / BN			
6-port J-box 2 signals per port Multifast, side exit connector	2 A/signal 9 A total 19-pin Multifast connector 15 conductors. Mates with CKM 19-15*	<u>Function</u>	<u>Pin / Color</u>	<u>Function</u>	<u>Pin / Color</u>	6MB12Z-5-CS19H	6MB12Z-5P3-CS19H	6MB12Z-5N3-CS19H
		+V	19 / BN	Port 3, Sig 1	16 / YE			
		-V	6 / BU	Port 3, Sig 2	8 / WH / GN			
		Ground	12 / GN / YE	Port 4, Sig 1	3 / GY			
		Port 1, Sig 1	15 / WH	Port 4, Sig 2	14 / BN / GN			
		Port 1, Sig 2	7 / GY / PK	Port 5, Sig 1	17 / PK			
		Port 2, Sig 1	5 / GN	Port 5, Sig 2	9 / WH / YE			
		Port 2, Sig 2	4 / RD / BU	Port 6, Sig 1	2 / RD			
				Port 6, Sig 2	13 / YE / BN			

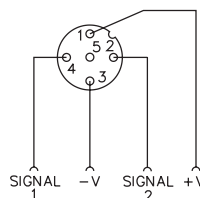
We reserve the right to make technical alterations without prior notice.

Functional Wiring Diagrams

(PNP LED Version)
2 Signals per Port



(No LED Version)
2 Signals per Port

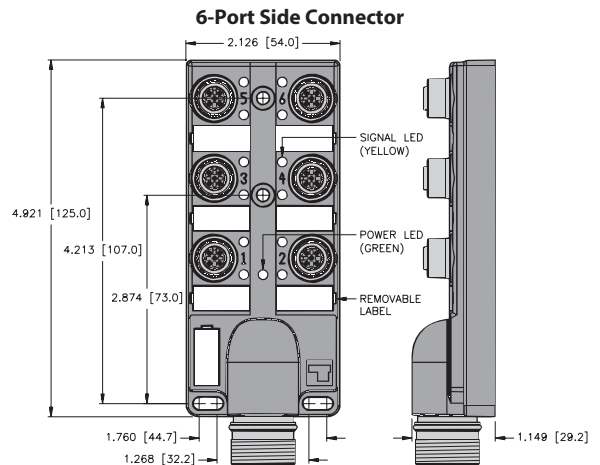
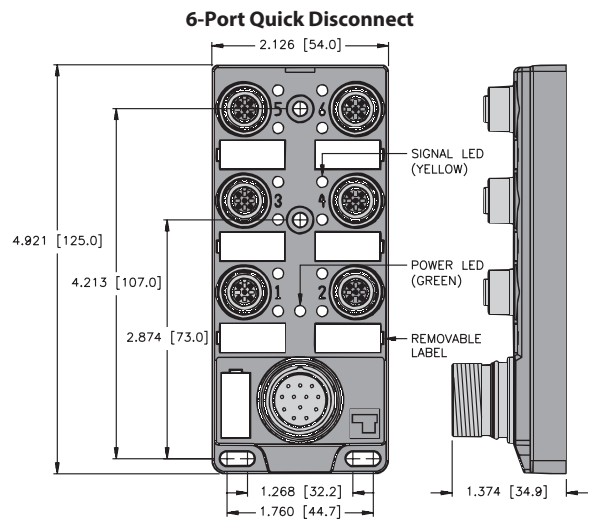
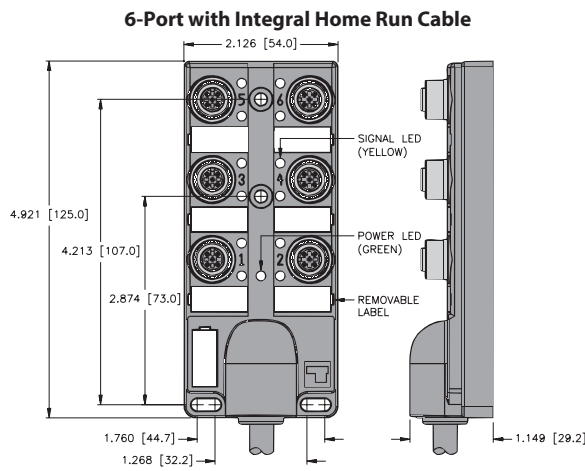


Multibox® Eurofast® Low Profile Junction Boxes, 6-Port

Specifications

Housing:	Nylon	Temperature:	-40 °C to +85 °C (-40 °F to +185 °F)
Connectors:	Eurofast: Nylon or TPU	Protection:	IEC IP68, IP69K
Contacts:	Gold plated brass	Accessories:	(2) VZ 3 closure caps and a VZ 12 label kit (7 labels) included
Thread Inserts:	Nickel plated brass	Cable Length:	Standard length is nominal 5 meters. Other lengths available by request - Consult factory
Cable:	See table		
Recommended Splitter:	YB2-FSM 4.5-2 FKM 4.5		

Dimensions



Pinout

5-Pin Eurofast	19-Pin Multifast®
Female	Male

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