

# Junction Box Connectivity Products

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

- Single 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, 1 Signal per Port, 10-30 VDC

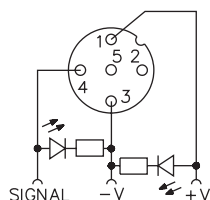
Application	Specifications	Pinout				No LEDs	PNP LED	NPN LED
6-port J-box 1 signal per port, Integral cable	2 A/signal 9 A total Yellow PVC cable 9/18 AWG foil shield and 20 AWG drain	<u>Function</u> +V -V Ground	<u>Color</u> BN BU GN / YE	<u>Function</u> Port 1 Port 2 Port 3 Port 4 Port 5 Port 6	<u>Color</u> WH GN YE GY PK RD	6MB12Z-4-*	6MB12Z-4P2-*	6MB12Z-4N2-*
6-port J-box 1 signal per port, Multifast® connector	2 A/signal 9 A total 12-pin Multifast connector 9 conductors. Mates with CKCM 12-9-*	<u>Function</u> +V -V Ground	<u>Pin / Color</u> 11 / BN 10 / BU 12 / GN / YE	<u>Function</u> Port 1 Port 2 Port 3 Port 4 Port 5 Port 6	<u>Pin / Color</u> 1 / WH 2 / GN 3 / YE 4 / GY 5 / PK 6 / RD	6MB12Z-4-CS12	6MB12Z-4P2-CS12	6MB12Z-4N2-CS12
6-port J-box 1 signal per port, Multifast side exit connector	2 A/signal 9 A total 12-pin Multifast connector 9 conductors. Mates with CKCM 12-9-*	<u>Function</u> +V -V Ground	<u>Pin / Color</u> 11 / BN 10 / BU 12 / GN / YE	<u>Function</u> Port 1 Port 2 Port 3 Port 4 Port 5 Port 6	<u>Pin / Color</u> 1 / WH 2 / GN 3 / YE 4 / GY 5 / PK 6 / RD	6MB12Z-4-CS12H	6MB12Z-4P2-CS12H	6MB12Z-4N2-CS12H

\* Cable length in meters.

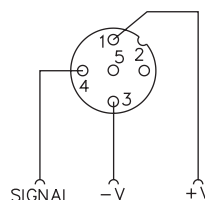
We reserve the right to make technical alterations without prior notice.

### Functional Wiring Diagrams

(PNP LED Version)  
1 Signal per Port



(No LED Version)  
1 Signal per Port

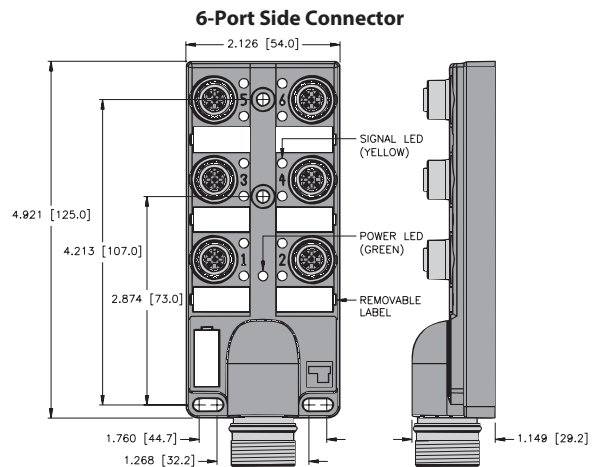
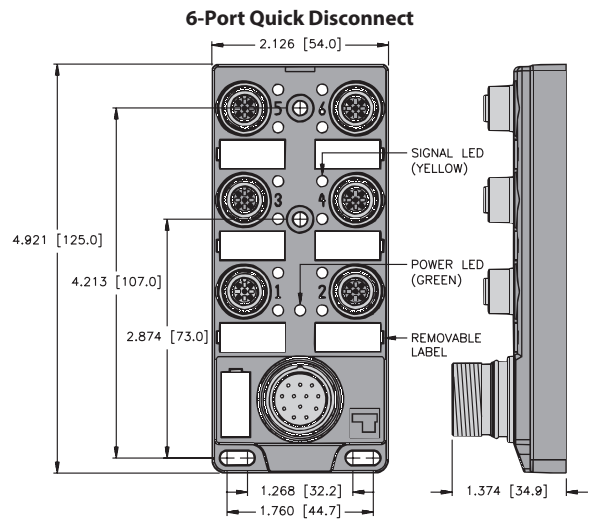
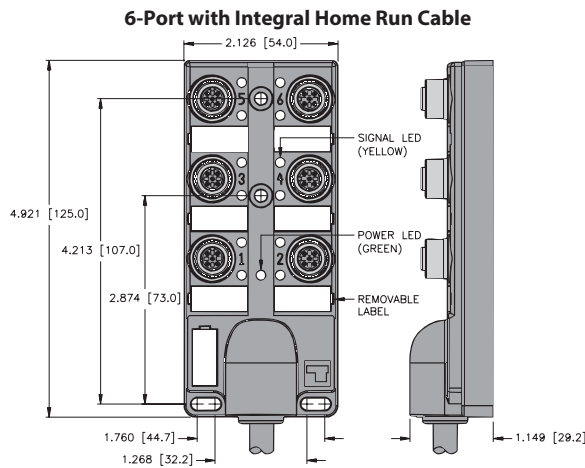


## Multibox® Eurofast® Low Profile Junction Boxes, 6-Port

### Specifications

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

### Dimensions



### Pinout

5-Pin Eurofast	12-Pin Multifast®
Female	Male

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multibox®, eurofast®