

multibox® *eurofast*® Junction Boxes, 6-Port

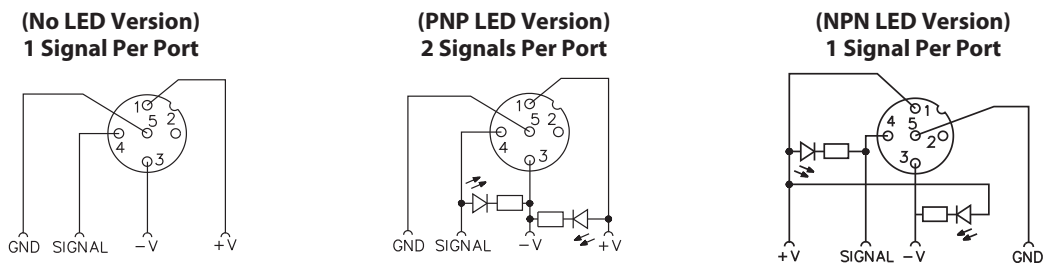
Single Input/Output Per Port
Rugged Plastic Housing with Flush Connectors

Available with or without LEDs
M23 Quick Disconnect, *minifast* Connector or Integral Home Run Cable

6-port, 1-Signal per Port, 10-48 VDC

Application	Specifications	Pinout	No LEDs	PNP LED	NPN LED																								
6-port J-box 1 signal per port Integral cable	4 A/port, 10 A total, Yellow PVC cable** 9x18 AWG foil shield and 20 AWG drain CSA Certified **with PUR cable, add /S90	<table border="0"> <tr> <td><u>Function</u></td> <td><u>Color</u></td> <td><u>Function</u></td> <td><u>Color</u></td> </tr> <tr> <td>+V</td> <td>BN</td> <td>Port 3</td> <td>YE</td> </tr> <tr> <td>-V</td> <td>BU</td> <td>Port 4</td> <td>GY</td> </tr> <tr> <td>Gnd</td> <td>GN/YE</td> <td>Port 5</td> <td>PK</td> </tr> <tr> <td>Port 1</td> <td>WH</td> <td>Port 6</td> <td>RD</td> </tr> <tr> <td>Port 2</td> <td>GN</td> <td></td> <td></td> </tr> </table>	<u>Function</u>	<u>Color</u>	<u>Function</u>	<u>Color</u>	+V	BN	Port 3	YE	-V	BU	Port 4	GY	Gnd	GN/YE	Port 5	PK	Port 1	WH	Port 6	RD	Port 2	GN			VB 60-*	VB 60-P7X7-*	VB 60-N7X7-*
<u>Function</u>	<u>Color</u>	<u>Function</u>	<u>Color</u>																										
+V	BN	Port 3	YE																										
-V	BU	Port 4	GY																										
Gnd	GN/YE	Port 5	PK																										
Port 1	WH	Port 6	RD																										
Port 2	GN																												
6-port J-box 1 signal per port multifast connector	4 A/port, 7 A total 12-pin multifast connector 9 conductors Mates with CKM 12-9- CSA Certified	<table border="0"> <tr> <td><u>Function</u></td> <td><u>Pin / Color</u></td> <td><u>Function</u></td> <td><u>Pin / Color</u></td> </tr> <tr> <td>+V</td> <td>1 / BN</td> <td>Port 3</td> <td>7 / YE</td> </tr> <tr> <td>-V</td> <td>3 / BU</td> <td>Port 4</td> <td>8 / GY</td> </tr> <tr> <td>Gnd</td> <td>12 / GN/YE</td> <td>Port 5</td> <td>9 / PK</td> </tr> <tr> <td>Port 1</td> <td>4 / WH</td> <td>Port 6</td> <td>10 / RD</td> </tr> <tr> <td>Port 2</td> <td>6 / GN</td> <td></td> <td></td> </tr> </table>	<u>Function</u>	<u>Pin / Color</u>	<u>Function</u>	<u>Pin / Color</u>	+V	1 / BN	Port 3	7 / YE	-V	3 / BU	Port 4	8 / GY	Gnd	12 / GN/YE	Port 5	9 / PK	Port 1	4 / WH	Port 6	10 / RD	Port 2	6 / GN			VB 60-CS12	VB 60-P7X7-CS12	VB 60-N7X7-CS12
<u>Function</u>	<u>Pin / Color</u>	<u>Function</u>	<u>Pin / Color</u>																										
+V	1 / BN	Port 3	7 / YE																										
-V	3 / BU	Port 4	8 / GY																										
Gnd	12 / GN/YE	Port 5	9 / PK																										
Port 1	4 / WH	Port 6	10 / RD																										
Port 2	6 / GN																												
6-port J-box 1 signal per port, minifast connector	4 A/port 7 A total 12-pin minifast connector 9 conductors Mates with RKM 126- M	<table border="0"> <tr> <td><u>Function</u></td> <td><u>Pin / Color</u></td> <td><u>Function</u></td> <td><u>Pin / Color</u></td> </tr> <tr> <td>+V</td> <td>10 / RD</td> <td>Port 2</td> <td>2 / BU</td> </tr> <tr> <td>-V</td> <td>11 / WH</td> <td>Port 3</td> <td>3 / WH/BK</td> </tr> <tr> <td>Ground</td> <td>12 / BK</td> <td>Port 4</td> <td>4 / RD/BK</td> </tr> <tr> <td>Port 1</td> <td>1 / OG</td> <td>Port 5</td> <td>5 / GN/BK</td> </tr> <tr> <td></td> <td></td> <td>Port 6</td> <td>6 / OG/BK</td> </tr> </table>	<u>Function</u>	<u>Pin / Color</u>	<u>Function</u>	<u>Pin / Color</u>	+V	10 / RD	Port 2	2 / BU	-V	11 / WH	Port 3	3 / WH/BK	Ground	12 / BK	Port 4	4 / RD/BK	Port 1	1 / OG	Port 5	5 / GN/BK			Port 6	6 / OG/BK	VB 60-RSF120	VB 60-P7X7-RSF120	VB 60-N7X7-RSF120
<u>Function</u>	<u>Pin / Color</u>	<u>Function</u>	<u>Pin / Color</u>																										
+V	10 / RD	Port 2	2 / BU																										
-V	11 / WH	Port 3	3 / WH/BK																										
Ground	12 / BK	Port 4	4 / RD/BK																										
Port 1	1 / OG	Port 5	5 / GN/BK																										
		Port 6	6 / OG/BK																										

Functional Wiring Diagrams

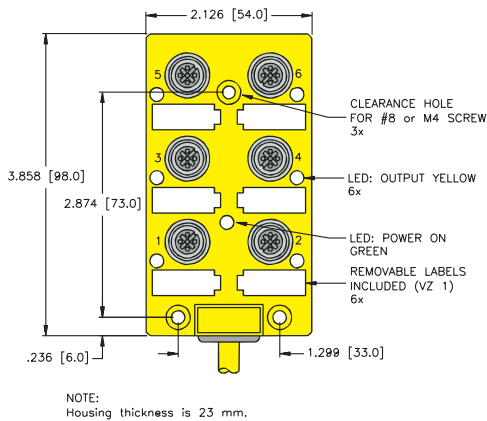


Specifications

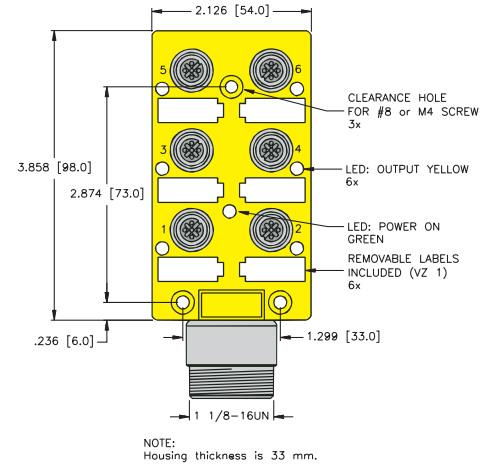
- Housing:** Nylon
- Connectors:** **eurofast**: Nylon or TPU
- Contacts:** Gold plated brass
- Thread Inserts:** Stainless Steel
- Cable:** See table
- Temperature:** -30°C to +80°C (-22°F to +176°F)
- Protection:** IEC IP67
- Accessories:** Includes (2) VZ 3 closure caps and a VZ 1 label kit (8 labels) included
- Cable Length:** Standard length is nominal 5 meters. Other lengths available upon request - Consult factory

Dimensions

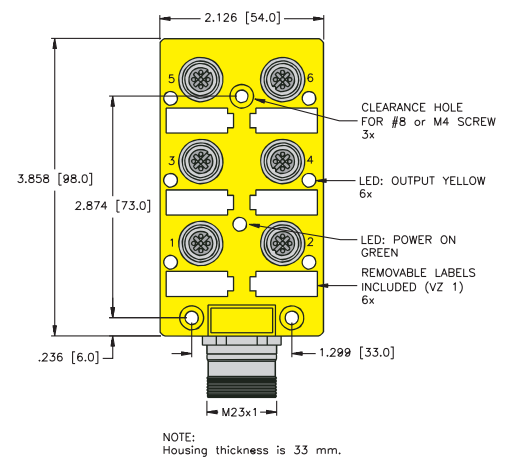
6-Port Integral Home Run Cable



6-Port with *minifast* Home Run Connector



6-Port with *multifast* Home Run Connector



Notes:

- 1. For mating CKM cordsets. See **multifast** pages.
- 2. For mating RKM cordsets. See **minifast** pages.

Pinout

Female	Male	Male
5-pin eurofast	12-pin multifast	12-pin minifast

Multibox, eurofast