

# Junction Box Connectivity Products

## Multibox® Eurofast® Terminal Chamber, 2 Signals per Port

- 4-Port, Plastic or Metal Housing
- Up to 16 A total
- Power Supply Isolation option
- Plug-in Terminal Cover with Spring Clamps or Screw Terminal



### 4-Port, 10-30 VDC, 2 Signals per Port, Isolated Power Supply Optional, Plastic Housing

#### Termination Style

Application	Specifications	Pinout		Spring Clamp	Screw Terminals
4-port J-box 2 signals per port Jumper option for isolation between odd and even ports Terminal chamber connection - spring clamp or screw terminals	2 A/signal, 10 A total or 8 A per supply 5-pin Eurofast connector 2(green) power LED 2(yellow) signal per port LEDs cable diameter 5-12 mm	<u>Function</u>	<u>Terminal Pin</u>	4MB12-5P4-K-FK	4MB12-5P4-K-SK
		Port 1/Signal 1	1		
		2/1	2		
		3/1	3		
		4/1	4		
		Port 1/Signal 2	9		
		2/2	10		
		3/2	11		
		4/2	12		
		+V	17		
		-V	18		
		+V	19		
		-V	20		
Ground	PE				

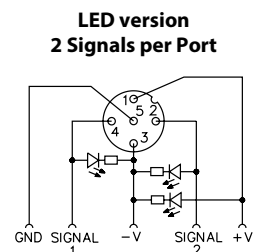
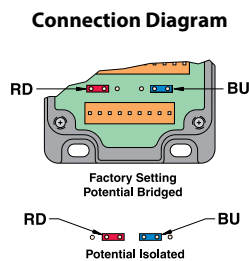
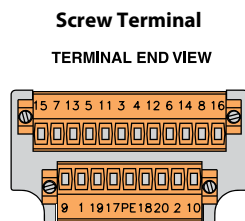
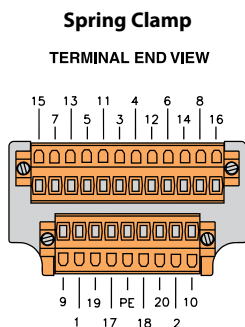
### 4-Port, 10-30 VDC, 2 Signals per Port, Shielded Metal Housing

#### Termination Style

Application	Specifications	Pinout		Spring Clamp	Screw Terminals
4-port J-box 2 signals per port Termination chamber connection - spring clamp or screw terminals	2 A/signal, 10 A total 5-pin Eurofast connector 1(green) power LED cable diameter 9-14 mm	<u>Function</u>	<u>Terminal Pin</u>	----	4MB12-5P1-MS-SK
		Port 1/Signal 1	1		
		2/1	2		
		3/1	3		
		4/1	4		
		Port 1/Signal 2	9		
		2/2	10		
		3/2	11		
		4/2	12		
		+V	17		
		-V	18		
		+V	19		
		-V	20		
Ground	PE				

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

## Functional Wiring Diagrams

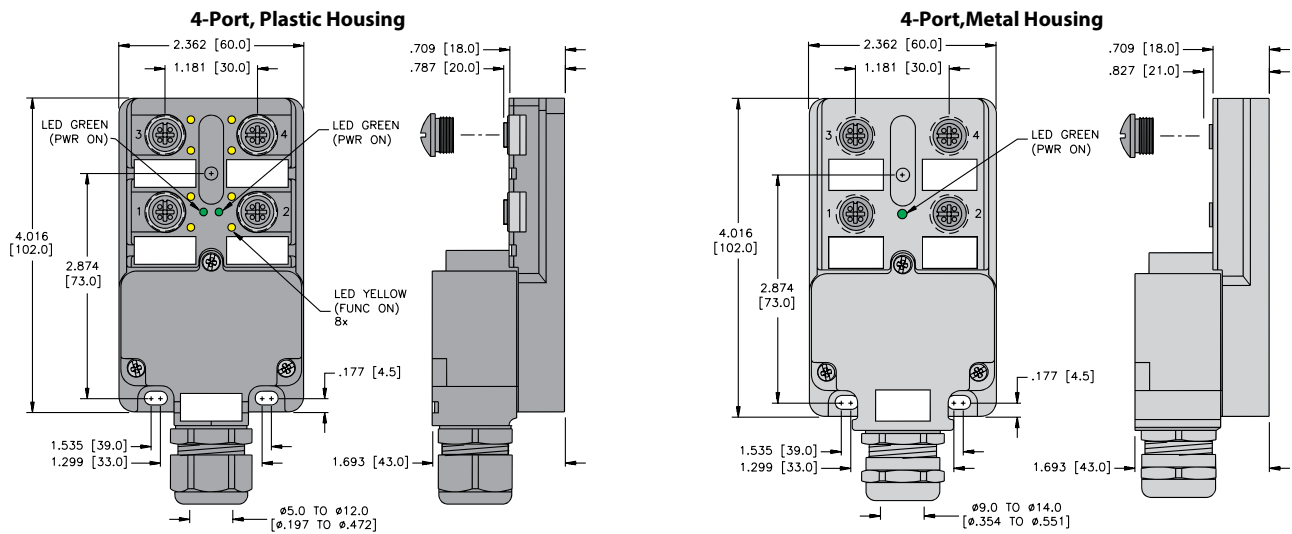


Multibox® Eurofast® Terminal Chamber, 2 Signals per Port

**Specifications**

<b>Housing:</b>	PBT Black Plastic	<b>Temperature:</b>	-20 °C to +90 °C (-4 °F to +194 °F)
<b>Connectors:</b>	Eurofast: PBT/black	<b>Protection:</b>	IEC IP68
<b>Contacts:</b>	Gold plated brass	<b>Accessories:</b>	(2) TC-CC closure caps and labels included
<b>Thread Inserts:</b>	Nickel plated brass	<b>Termination Method:</b>	Field wireable, Spring Clamp or Screw Terminal. 16 AWG max.
<b>Cable Gland &amp; OD:</b>	PG 13.5, accepts cable diameter 5 to 12 mm		
<b>Recommended Splitter:</b>	YB2-FSM 4.5-2 FKM 4.5		

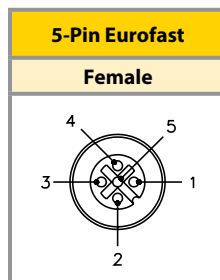
**Dimensions**



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**Pinout**



# Junction Box Connectivity Products

## Multibox® Eurofast® Terminal Chamber, 2 Signals per Port

- 8-Port Plastic or Metal Housing
- Up to 16 A total
- Power Supply Isolation option
- Plug-in Terminal Cover with Spring Clamps or Screw Terminal



### 8-Port, 10-30 VDC, 2 Signals per Port, Isolated Power Supply Optional, Plastic

### Termination Style

Application	Specifications	Pinout				Spring Clamp	Screw Terminals
		Function	Terminal Pin	Function	Terminal Pin		
8-port J-box 2 signals per port, Jumper option for isolation between odd and even ports Terminal chamber connection - spring clamp or screw terminals	2 A/signal, 10 A total or 8 A per supply 5-pin Eurofast connector 2 (green) power LED 2 (yellow) signal per port LEDs cable diameter 6-12 mm	Port 1/Signal 1	1	4/2	12	8MB12-5P4-K-FK	8MB12-5P4-K-SK
		2/1	2	5/2	13		
		3/1	3	6/2	14		
		4/1	4	7/2	15		
		5/1	5	8/2	16		
		6/1	6	+V	17		
		7/1	7	-V	18		
		8/1	8	+V	19		
		Port 1/Signal 2	9	-V	20		
		2/2	10	Ground	PE		
		3/2	11				

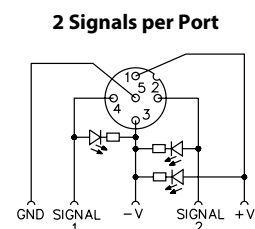
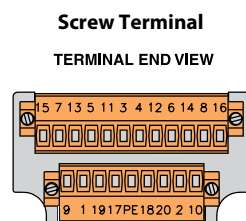
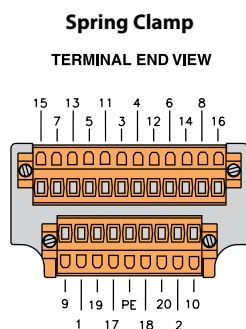
### 8-Port, 10-30 VDC, 2 Signals per Port, Shielded Metal

### Termination Style

Application	Specifications	Pinout				Spring Clamp	Screw Terminals
		Function	Terminal Pin	Function	Terminal Pin		
8-port J-box 2 signals per port Termination chamber connection - spring clamp or screw terminal	2 A/signal, 10 A total 5-pin Eurofast connector 1 (green) power LED cable diameter 9-14 mm	Port 1/Signal 1	1	4/2	12	8MB12-5P1-MS-FK	8MB12-5P1-MS-SK
		2/1	2	5/2	13		
		3/1	3	6/2	14		
		4/1	4	7/2	15		
		5/1	5	8/2	16		
		6/1	6	+V	17		
		7/1	7	-V	18		
		8/1	8	+V	19		
		Port 1/Signal 2	9	-V	20		
		2/2	10	Ground	PE		
		3/2	11				

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## Functional Wiring Diagrams

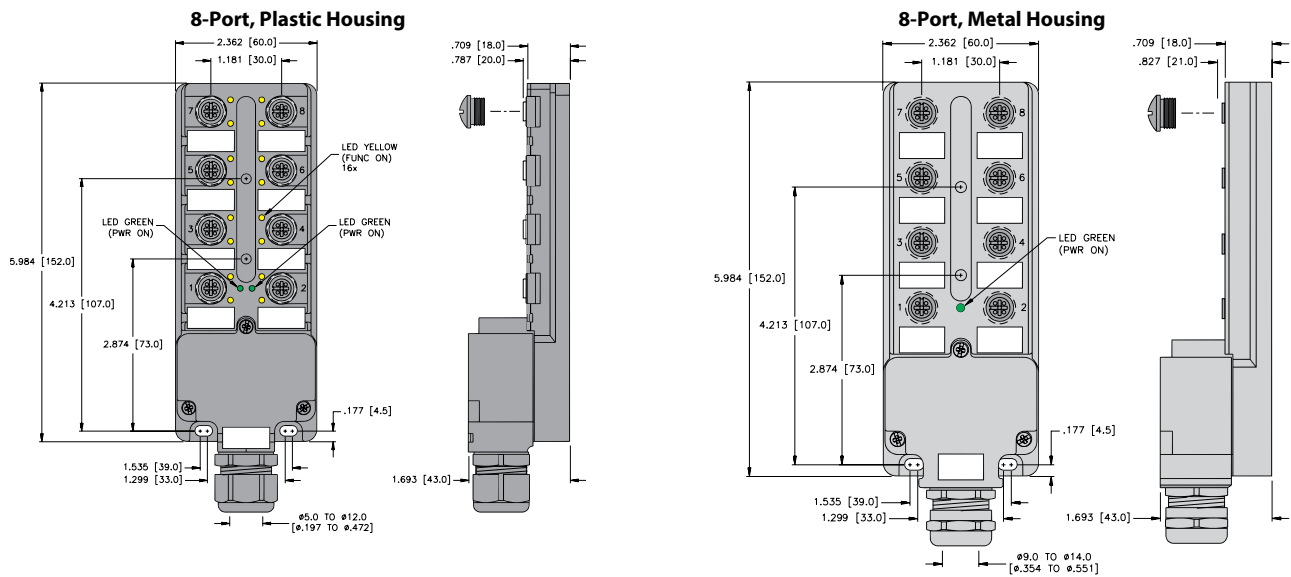


## Multibox® Eurofast® Terminal Chamber, 2 Signals per Port

### Specifications

<b>Housing:</b>	Die Cast Zinc, Nickel plated	<b>Temperature:</b>	-20 °C to +90 °C (-4 °F to +194 °F)
<b>Connectors:</b>	Eurofast: PBT/black	<b>Protection:</b>	IEC IP68
<b>Contacts:</b>	Gold plated brass	<b>Accessories:</b>	Includes (2) TC-CC closure caps and labels
<b>Thread Inserts:</b>	Nickel plated brass	<b>Termination Method:</b>	Field wireable, spring clamps or screw terminals. 16 AWG max.
<b>Cable Gland &amp; OD:</b>	PG 13.5, accepts cable diameter 10-14 mm		
<b>Recommended Splitter:</b>	YB2-FSM 4.5-2 FKM 4.5		

### Dimensions



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

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### Pinout

