
multibox® eurofast® Terminal Chamber, 2 Signals Per Port

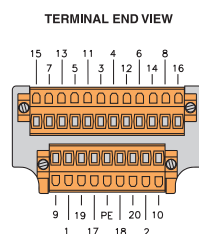
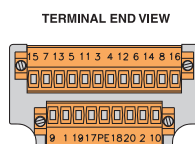
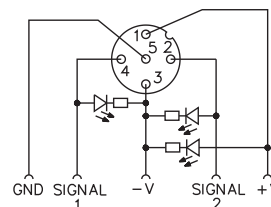
- 8-Port Plastic or Metal Housing
- Up to 16 A Total
- Power Supply Isolation Option
- Plug in Terminal Cover - Spring Clamps or Screw Terminals

8-port, 10-30 VDC, 2 Signals Per Port, Isolated Power Supply Optional, Plastic
Termination Style

Application	Specifications	Pinout				Spring Clamp	Screw Terminals
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	3 A/port, 10 A per power supply 16 A total 5-pin eurofast connector 2 (green) power LED 2 (yellow) signal per port LEDs cable diameter 5-12mm	Function	Terminal Pin	Function	Terminal Pin	8MB12-5P4-K-FK	8MB12-5P4-K-SK
		Port 1/Signal 1	1	4/2	12		
		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
8-port J-box 2 signals per port Termination chamber connection - spring clamp or screw terminal	3 A/port 10 A total 5-pin eurofast connector 1 (green) power LED cable diameter 9-14mm	Function	Terminal Pin	Function	Terminal Pin	8MB12-5P1-MS-FK	8MB12-5P1-MS-SK
		Port 1/Signal 1	1	4/2	12		
		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				

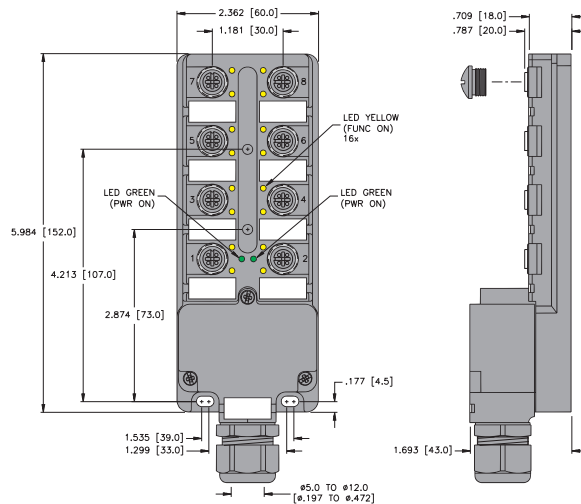
Spring Clamp

Screw Terminal

**Functional Wiring Diagram
2 Signals Per Port**


Specifications

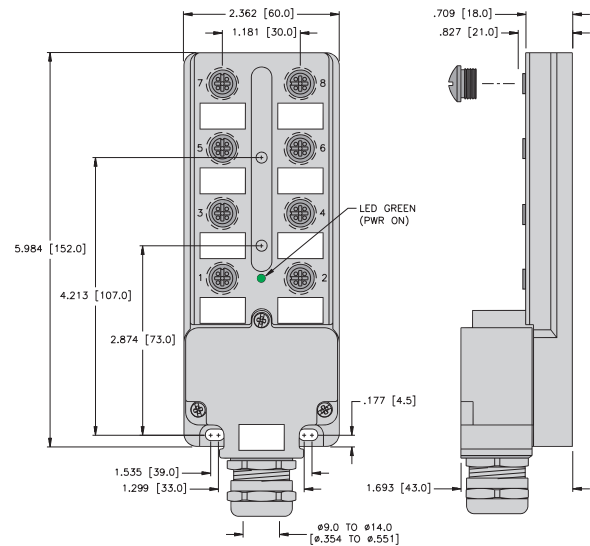
Housing:	Die Cast Zinc, Nickel plated
Connectors:	eurofast ®: PBT/black
Contacts:	Gold plated brass
Thread Inserts:	Nickel plated brass
Cable Gland & OD:	PG 13.5, accepts cable diameter 10-14 mm
Temperature:	-20°C to +90°C (-4°F to +194°F)
Protection:	IEC IP68
Accessories:	Includes (2) TC-CC closure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

Dimensions

8-Port, Plastic Housing



8-Port, Metal Housing



Pinout

