



**multibox® minifast® Junction Boxes with LEDs, 3-pin**

- 4 and 8 Ports
- M23 Quick Disconnect or Integral Home Run Cable
- Simplifies Wiring Installations
- LEDs for Power and Signal



**4-port, 40-120 VAC**

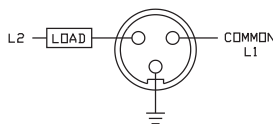
Application	Specifications	Pinout				Part Number
4 port J-box Standard wiring Integral cable	4 A/port, 9 A total PVC cable, black, 7x18 AWG, foil shield and 20 AWG drain	Function	Color	Function	Color	4 RKF 30-X5-*M
		Common (L1)	WH	J2 Load (L2)	OG	
		LED Power (L2)	WH / BK	J3 Load (L2)	BK	
		Ground	GN	J4 Load (L2)	BU	
		J1 Load (L2)	RD			
4 port J-box Standard wiring <b>multifast</b> connector	4 A/port, 7 A total 12-pin <b>multifast</b> connector, 7 conductors, mates with CKBM 12-7-*	Function	Pin / Color	Function	Pin / Color	4 RKF 30-X5-CS12
		Common (L1)	3 / WH	J2 Load (L2)	5 / OG	
		LED Power (L2)	1 / WH/BK	J3 Load (L2)	2 / BK	
		Ground	7 / GN	J4 Load (L2)	6 / BU	
		J1 Load (L2)	4 / RD			

**8-port, 40-120 VAC**

Application	Specifications	Pinout				Part Number
8 port J-box Standard wiring Integral cable	4 A/port, 9 A total PVC cable, black, 11x18 AWG, foil shield and 20 AWG drain	Function	Color	Function	Color	8 RKF 30-X9-*M
		Common (L1)	WH	J4 Load (L2)	BU	
		LED Power (L2)	BU / BK	J5 Load (L2)	WH / BK	
		Ground	GN	J6 Load (L2)	RD / BK	
		J1 Load (L2)	RD	J7 Load (L2)	GN / BK	
8 port J-box, Standard wiring <b>multifast</b> connector	4 A/port, 7 A total 12-pin <b>multifast</b> connector, 11 conductors, mates with CKBM 12-11-*	Function	Pin / Color	Function	Pin / Color	8 RKF 30-X9-CS12
		Common (L1)	11 / WH	J4 Load (L2)	2 / BU	
		LED Power (L2)	7 / BU/BK	J5 Load (L2)	3 / WH / BK	
		Ground	9 / GN	J6 Load (L2)	4 / RD / BK	
		J1 Load (L2)	10 / RD	J7 Load (L2)	5 / GN / BK	
		J2 Load (L2)	1 / OG	J8 Load (L2)	6 / OG / BK	
		J3 Load (L2)	12 / BK			

\* Length in meters

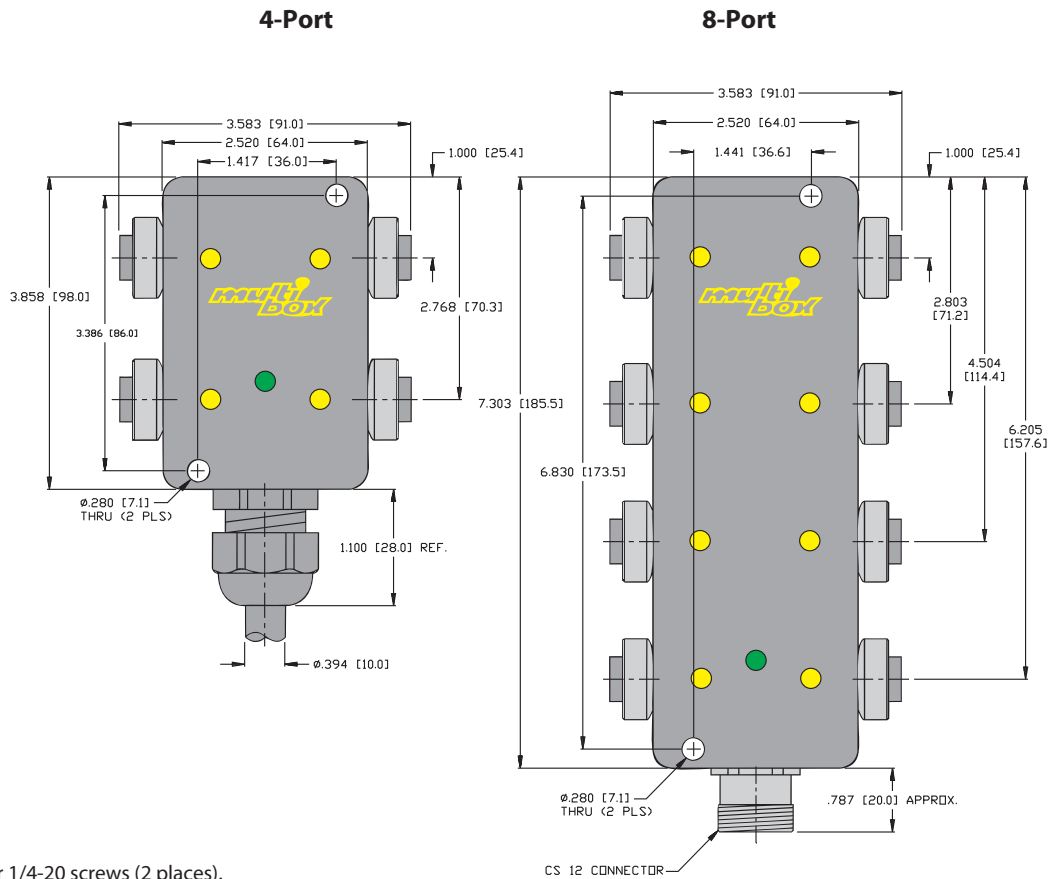
**Functional Wiring Diagram**



**Specifications**

<b>Housing:</b>	Die cast aluminum alloy
<b>Connector:</b>	Nickel plated brass, oil resistant TPU contact carrier
<b>Contacts:</b>	Gold plated brass
<b>Cable:</b>	See table for specifications
<b>Temperature:</b>	-30°C to +80°C (-22°F to +176°F)
<b>Protection:</b>	IEC IP67
<b>Cable Length:</b>	Standard cable length is 6 meters. Other lengths available by request - consult factory

**Dimensions**



Multibox, minifast

**Notes:**

- Clearance holes for 1/4-20 screws (2 places).
- All housings are 34.0 mm in height.
- Green LED = Power on (center position)
- Yellow LED = Signal (outer position).

**Pinout**

Female	Male
<b>3-pin minifast</b>	<b>12-pin multifast</b>