



multibox® minifast® Junction Boxes, 4-pin

- 4, 6 and 8 Ports
- Quick Disconnect *minifast* Connector
- Simplifies Wiring Instructions

4-port, 250 VAC / 300 VDC

Application	Specifications	Pinout				Part Number
4-port J-box 4-pin connectors, minifast connector	4 A/port 8 A total 6-pin minifast connector 6 conductors Mates with RKM 66-*M	<u>Function</u> Common +V Ground -V J1 Load	<u>Pin/Color</u> 1 / WH 3 / GN 2 / RD	<u>Function</u> J2 Load J3 Load J4 Load	<u>Pin/Color</u> 4 / OG 5 / BK 6 / BU	4 RKF 40-RSF6B6

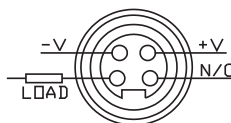
6-port, 250 VAC / 300 VDC

Application	Specifications	Pinout				Part Number
6-port J-box 4-pin connectors, minifast connector	4 A/port 8 A total 8-pin minifast connector 8 conductors Mates with RKM 86-*M	<u>Function</u> Common +V Ground -V J1 Load J2 Load	<u>Pin/Color</u> 5 / WH 7 / GN 6 / RD 1 / OG	<u>Function</u> J3 Load J4 Load J5 Load J6 Load	<u>Pin/Color</u> 4 / BK 2 / BU 3 / WH / BK 8 / RD / BK	6 RKF 40-RSF80

8-port, 250 VAC / 300 VDC

Application	Specifications	Pinout				Part Number
8-port J-box 4-pin connectors, minifast connector	4 A/port 7 A total 10-pin minifast connector 10 conductors Mates with RKM 106-*M	<u>Function</u> Common +V Ground -V J1 Load J2 Load J3 Load	<u>Pin/Color</u> 10 / WH 8 / GN 7 / RD 1 / OG 9 / BK	<u>Function</u> J4 Load (L2) J5 Load (L2) J6 Load (L2) J7 Load (L2) J8 Load (L2)	<u>Pin / Color</u> 2 / BU 3 / WH / BK 4 / RD / BK 5 / GN / BK 6 / OG / BK	8 RKF 40-RSF100

Functional Wiring Diagram

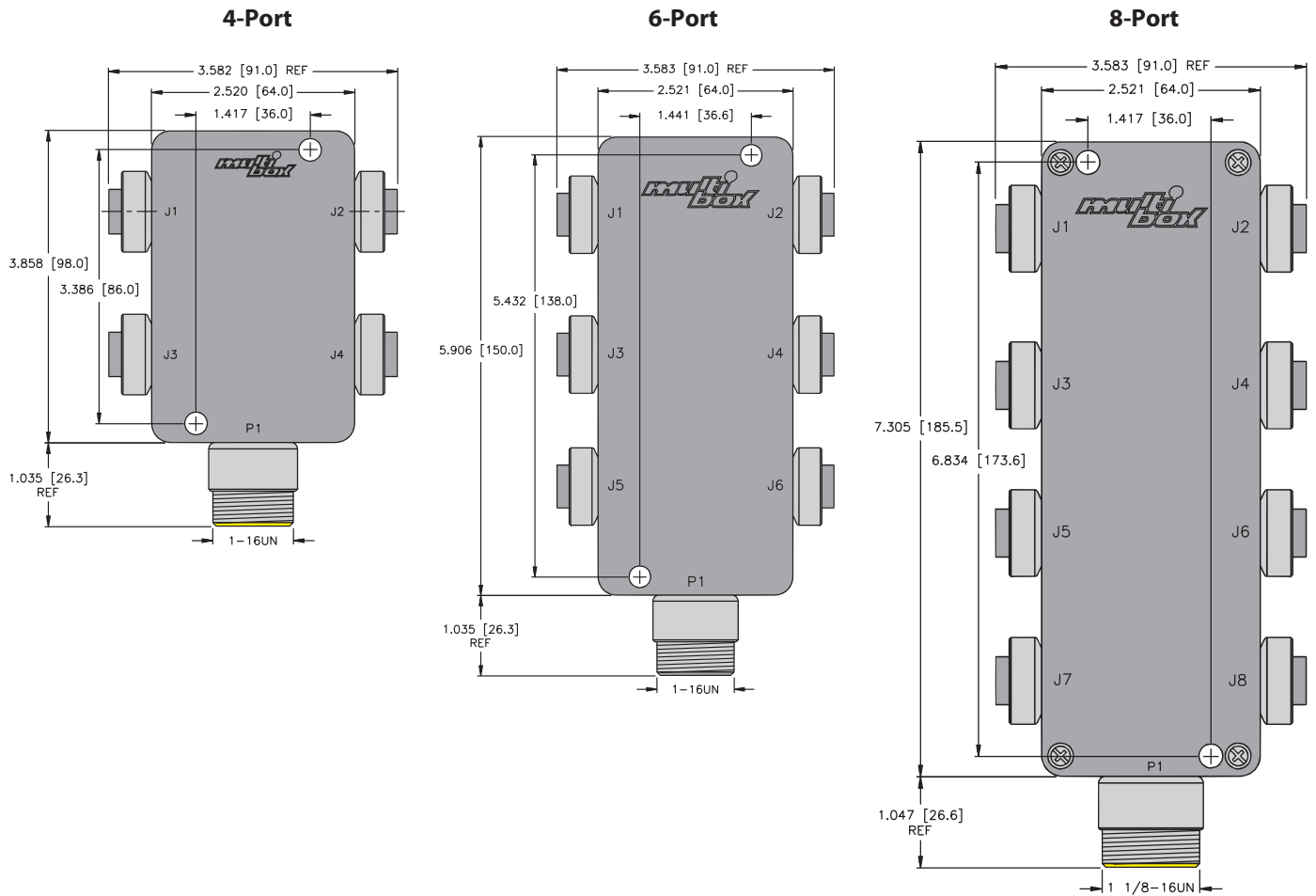


Power (pin 1 and pin 3) are wired parallel internally.
Load (pin 4) is individual output. Pin 2 is not used.

Specifications

Housing:	Die cast aluminum alloy
Connectors:	Nickel plated brass, oil resistant TPU contact carrier
Contacts:	Gold plated brass
Temperature:	-30°C to +80°C (-22°F to +176°F)
Protection:	IEC IP67

Dimensions



Multibox, minifast

Notes:
 Clearance holes for 1/4-20 screws (2 places).
 All housings are 34.0 mm in height.

Pinout

Female	Male	Male	Male
4-pin minifast	6-pin minifast	8-pin minifast	10-pin minifast