



multibox[®] minifast[®] Junction Boxes, 3-pin

- 6 and 8 Ports
- Quick Disconnect *minifast* Connector
- Simplifies Wiring Installations

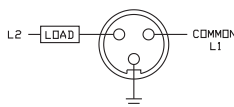
6-port, 250 VAC / 300 VDC

Application	Specifications	Pinout	Part Number																				
6-port J-box Standard wiring, <i>minifast</i> connector	4 A/port 8 A total 8-pin <i>minifast</i> connector 8 conductors Mates with RKM 86-*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>Common (L1)</td> <td>5 / WH</td> <td>J3 Load (L2)</td> <td>4 / BK</td> </tr> <tr> <td>Ground</td> <td>7 / GN</td> <td>J4 Load (L2)</td> <td>2 / BU</td> </tr> <tr> <td>J1 Load (L2)</td> <td>6 / RD</td> <td>J5 Load (L2)</td> <td>3 / WH / BK</td> </tr> <tr> <td>J2 Load (L2)</td> <td>1 / OG</td> <td>J6 Load (L2)</td> <td>8 / RD / BK</td> </tr> </table>	<u>Function</u>	<u>Pin / Color</u>	<u>Function</u>	<u>Pin / Color</u>	Common (L1)	5 / WH	J3 Load (L2)	4 / BK	Ground	7 / GN	J4 Load (L2)	2 / BU	J1 Load (L2)	6 / RD	J5 Load (L2)	3 / WH / BK	J2 Load (L2)	1 / OG	J6 Load (L2)	8 / RD / BK	6 RKF 30-RSF80
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8-port, 250 VAC / 300 VDC

Application	Specifications	Pinout	Part Number																								
8-port J-box Standard wiring, <i>minifast</i> connector	4 A/port 7 A total 10-pin <i>minifast</i> connector 10 conductors Mates with RKM 106-*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>Common (L1)</td> <td>10 / Wt</td> <td>J4 Load (L2)</td> <td>2 / BU</td> </tr> <tr> <td>Ground</td> <td>8 / GN</td> <td>J5 Load (L2)</td> <td>3 / WH / BK</td> </tr> <tr> <td>J1 Load (L2)</td> <td>7 / RD</td> <td>J6 Load (L2)</td> <td>4 / RD / BK</td> </tr> <tr> <td>J2 Load (L2)</td> <td>1 / OG</td> <td>J7 Load (L2)</td> <td>5 / GN / BK</td> </tr> <tr> <td>J3 Load (L2)</td> <td>9 / BK</td> <td>J8 Load (L2)</td> <td>6 / OG / BK</td> </tr> </table>	<u>Function</u>	<u>Pin / Color</u>	<u>Function</u>	<u>Pin / Color</u>	Common (L1)	10 / Wt	J4 Load (L2)	2 / BU	Ground	8 / GN	J5 Load (L2)	3 / WH / BK	J1 Load (L2)	7 / RD	J6 Load (L2)	4 / RD / BK	J2 Load (L2)	1 / OG	J7 Load (L2)	5 / GN / BK	J3 Load (L2)	9 / BK	J8 Load (L2)	6 / OG / BK	8 RKF 30-RSF100
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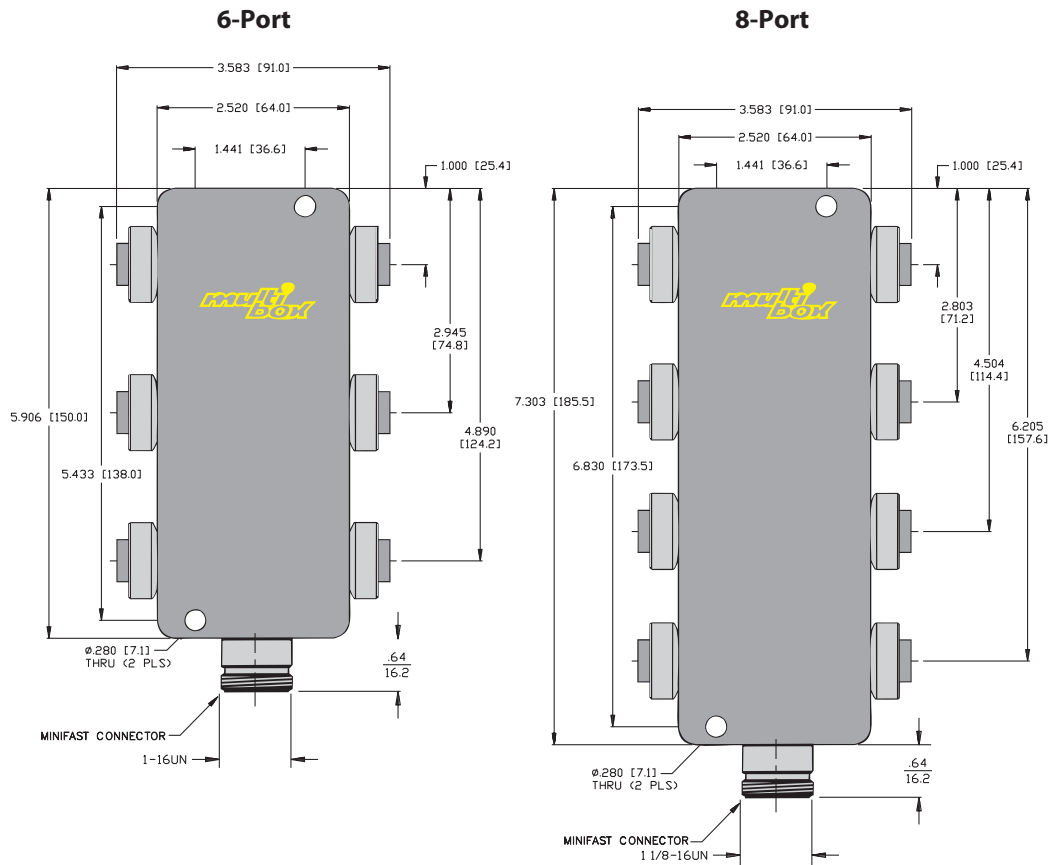
Functional Wiring Diagram



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
3-pin minifast	8-pin minifast	10-pin minifast