


multibox® microfast® Junction Boxes

- 4, 6 and 8 Ports
- For AC Sensors
- M23 Quick Disconnect, *minifast* Connector or Integral Home Run Cable
- Simplifies Wiring Installations


4-port, 250 VAC / 300 VDC

Application	Specifications	Pinout				Part Number
4-port J-box Standard wiring Integral cable	4 A/port, 9 A total PVC cable, black, 6x18 AWG, foil shield and 20 AWG drain	<u>Function</u> Common (L1) Ground J1 Load (L2)	<u>Color</u> WH GN RD	<u>Function</u> J2 Load (L2) J3 Load (L2) J4 Load (L2)	<u>Color</u> OG BK BU	VBKB 40-*
4-port J-box Standard wiring, multifast connector	4 A/port, 7 A total 12-pin multifast connector, 6 conductors, mates with CKRM 12-6-*	<u>Function</u> Common (L1) Ground J1 Load (L2)	<u>Pin / Color</u> 5 / WH 7 / GN 6 / RD	<u>Function</u> J2 Load (L2) J3 Load (L2) J4 Load (L2)	<u>Pin / Color</u> 1 / OG 4 / BK 2 / BU	VBKB 40-CS12
4-port J-box Standard wiring minifast connector	4 A/port, 9 A total 6-pin minifast connector, 6 conductors, mates with RKM 66-*M	<u>Function</u> Common (L1) Ground J1 Load (L2)	<u>Pin / Color</u> 1 / WH 3 / GN 2 / RD	<u>Function</u> J2 Load (L2) J3 Load (L2) J4 Load (L2)	<u>Pin / Color</u> 4 / OG 5 / BK 6 / BU	VBKB 40-B1161

6-port, 250 VAC / 300 VDC

Application	Specifications	Pinout				Part Number
6-port J-box Standard wiring Integral cable	4 A/port, 9 A total PVC cable, black, 8x18 AWG, foil shield and 20 AWG drain	<u>Function</u> Common (L1) Ground J1 Load (L2) J2 Load (L2)	<u>Color</u> WH GN RD OG	<u>Function</u> J3 Load (L2) J4 Load (L2) J5 Load (L2) J6 Load (L2)	<u>Color</u> BK BU YE BN	VBKB 60-*
6-port J-box Standard wiring multifast connector	4 A/port, 7 A total 12-pin multifast connector, 8 conductors, mates with CKRM 12-8-*	<u>Function</u> Common (L1) Ground J1 Load (L2) J2 Load (L2)	<u>Pin / Color</u> 5 / WH 7 / GN 6 / RD 1 / OG	<u>Function</u> J3 Load (L2) J4 Load (L2) J5 Load (L2) J6 Load (L2)	<u>Pin / Color</u> 4 / BK 2 / BU 3 / YE 8 / BN	VBKB 60-CS12

8-port, 250 VAC / 300 VDC

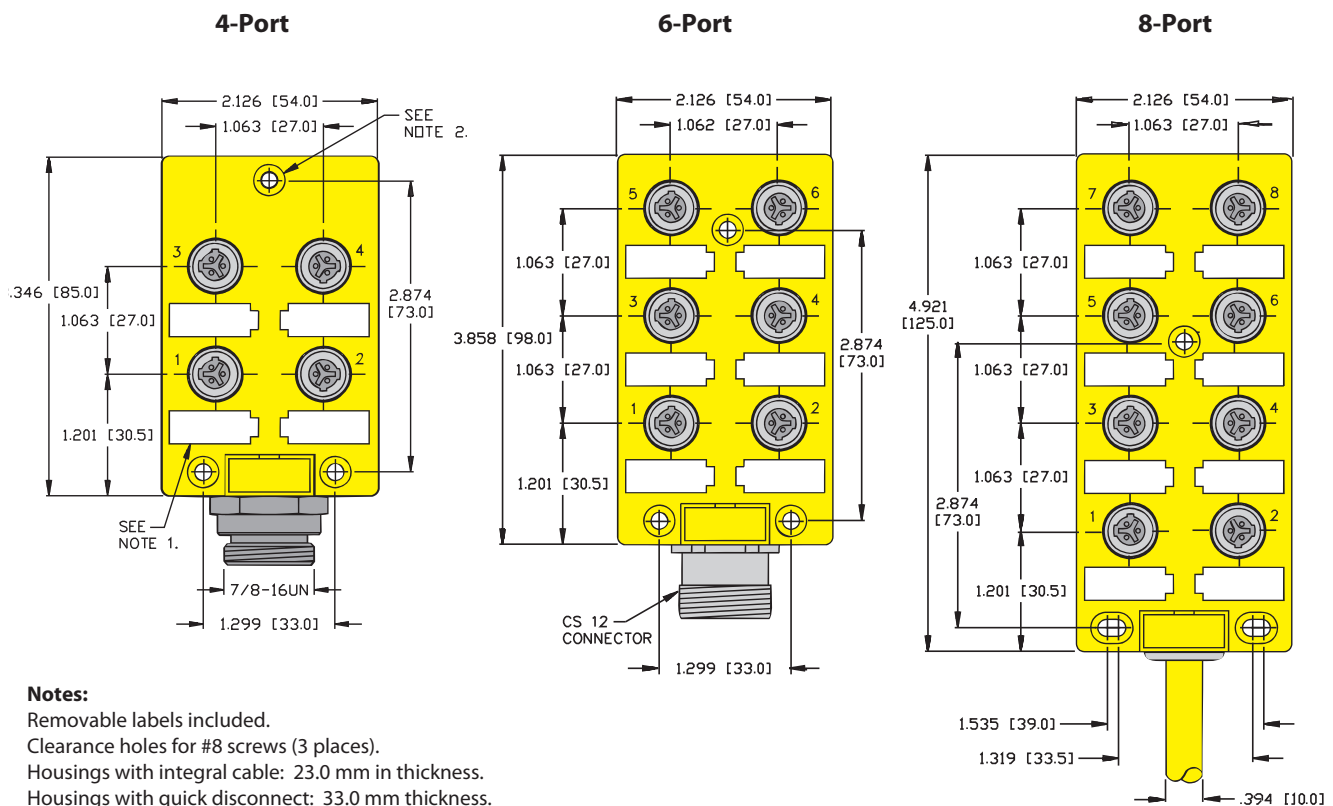
Application	Specifications	Pinout				Part Number
8-port J-box Standard wiring, Integral cable	4 A/port, 9 A total PVC cable, black, 10x18 AWG, foil shield and 20 AWG drain	<u>Function</u> Common (L1) Ground J1 Load (L2) J2 Load (L2) J3 Load (L2)	<u>Color</u> WH GN RD VT BK	<u>Function</u> J4 Load (L2) J5 Load (L2) J6 Load (L2) J7 Load (L2) J8 Load (L2)	<u>Color</u> BU GY YE OG BN	VBKB 80-*
8-port J-box Standard wiring multifast connector	4 A/port, 7 A total 12-pin multifast connector, 10 conductors, mates with CKRM 12-10-*	<u>Function</u> Common (L1) Ground J1 Load (L2) J2 Load (L2) J3 Load (L2)	<u>Pin / Color</u> 5 / WH 7 / GN 6 / RD 1 / VT 4 / 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 / GY 8 / YE 9 / OG 10 / BN	VBKB 80-CS12

* Length in meters

Specifications

Housing:	Nylon
Contact Carrier:	Nylon (<i>microfast</i> [®])
Contacts:	Gold plated brass
Thread Inserts:	Nickel plated brass
Cable:	See table
Temperature:	-30°C to +80°C (-22°F to +176°F)
Protection:	IEC IP67
Cable Length:	Standard cable length is nominal 5 meters. Other lengths available by request - consult factory
Accessories:	(2) SB-CC closure caps and a VZ1 label kit included

Dimensions



Notes:

Removable labels included.
Clearance holes for #8 screws (3 places).
Housings with integral cable: 23.0 mm in thickness.
Housings with quick disconnect: 33.0 mm thickness.

Functional Wiring Diagram



Pinout

Female	Male	Male
3-pin microfast	6-pin minifast	12-pin multifast