



multibox® *microfast*® Junction Boxes with LEDs

- 4 and 8 Ports
- For AC Sensors
- Simplifies Wiring Installation
- M23 Quick Disconnect or Integral Home Run Cable
- LEDs for Power and Signal



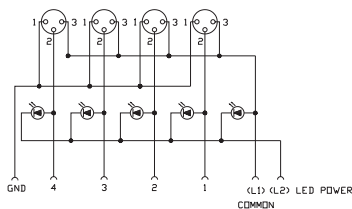
4-port, 40-120 VAC

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	<u>Function</u> Common (L1) LED Power (L2) Ground J1 Load (L2)	<u>Color</u> WH WH / BK GN RD	<u>Function</u> J2 Load (L2) J3 Load (L2) J4 Load (L2)	<u>Color</u> OG BK BU	VBKB 40-X5-*
4 port J-box Standard wiring multifast connector	4 A/port, 7 A total 12-pin multifast connector, 7 conductors, mates with CKBM 12-7-*	<u>Function</u> Common (L1) LED Power (L2) Ground J1 Load (L2)	<u>Pin / Color</u> 3 / WH 1 / WH/BK 7 / GN 4 / RD	<u>Function</u> J2 Load (L2) J3 Load (L2) J4 Load (L2)	<u>Pin / Color</u> 5 / OG 2 / BK 6 / BU	VBKB 40-X5-CS12

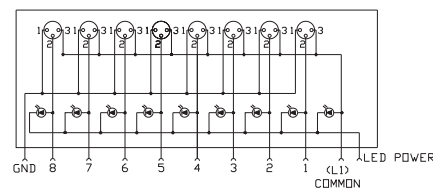
8-port, 40-120 VAC

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	<u>Function</u> Common (L1) LED Power (L2) Ground J1 Load (L2) J2 Load (L2) J3 Load (L2)	<u>Color</u> WH BU / BK GN RD OG BK	<u>Function</u> J4 Load (L2) J5 Load (L2) J6 Load (L2) J7 Load (L2) J8 Load (L2)	<u>Color</u> BU WH / BK RD / BK GN / BK OG / BK	VBKB 80-X9-*
8 port J-box Standard wiring multifast connector	4 A/port, 7 A total 12-pin multifast connector, 11 conductors, mates with CKBM 12-11-*	<u>Function</u> Common (L1) LED Power (L2) Ground J1 Load (L2) J2 Load (L2) J3 Load (L2)	<u>Pin / Color</u> 11 / WH 7 / BU/BK 9 / GN 10 / RD 1 / OG 12 / 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	VBKB 80-X9-CS12

Functional Wiring Diagram



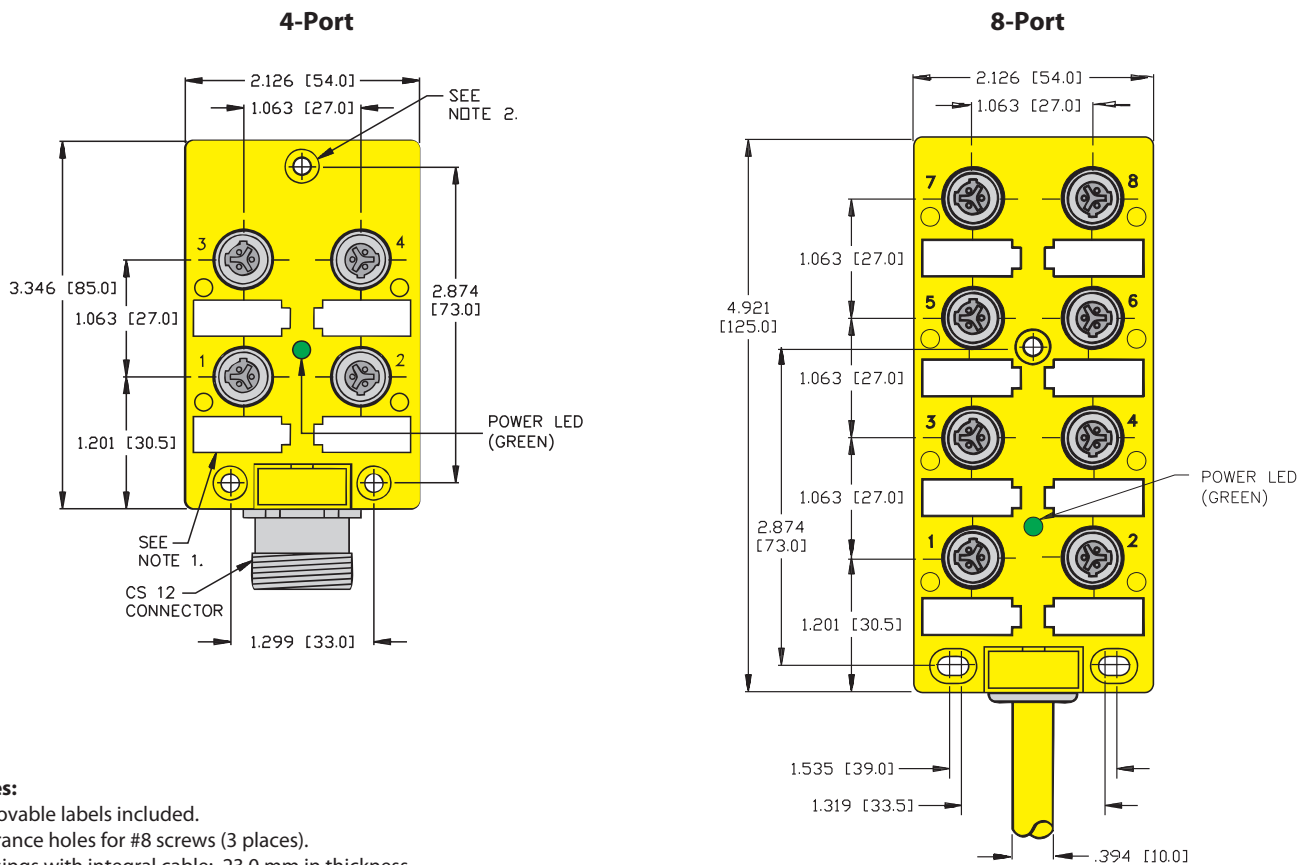
Functional Wiring Diagram



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



Multibox, microfast

- 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.
 - Green LED = Power on (center position)
 - Yellow LED = Signal (outer position).

Pinout

Female	Male
3-pin microfast	12-pin multifast