

QUICK-CONNECT WIRING

TECHNICAL INFO



FACTORY-INSTALLED BRANCH CIRCUIT WIRING

Designed specifically to save labor installation costs, the quick-connect option utilizes a molded nylon self-locking polarized connector with factory-installed branch circuit wiring. Fixtures simply plug together, and the possibility of cross wiring is eliminated. Rated for 600 volts, No. 12 AWG wires (No. 14 AWG on suspended architectural fixtures), THHN, 90°C wires. Available with 1, 2, or 3 circuits plus neutral and ground wires. For LED or fluorescent fixtures in 4', 6', and 8' lengths. UL listed. Available on strip, industrial fixtures, and a variety of architectural fixtures mounted in continuous rows.

NOTES

- Specifications are subject to change. Consult factory for verification.
- To order, suffix fixture catalog number with quick connect wiring number. Example: AXA-8-L14/835-F-LVRS-C2BW/R
- Quantity of wires includes one neutral wire. In addition, (1) No. 18 AWG wire grounds fixture housing.
- Each individual fixture is labeled with quantity of branch circuit wires installed and color of wires the ballasts are connected to.

ORDERING INFORMATION

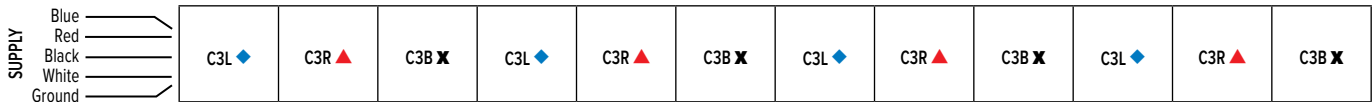
Note: Quick connect wiring not available in 2' and 3' architectural products.

DESIGNATION	NUMBER OF WIRES (EXCLUDING GROUND)	WIRE COLORS	WIRE COLOR/POWER SUPPLY FACTORY CONNECTIONS	TYPICAL USE
C1B	2	White, Black	White, Black	ON/OFF Switching (DRV) or Line Voltage dimming (DIM LINE)
C2B	3	White, Black, Red	White, Black	Alternating Circuits
C2BR	3	White, Black, Red	White, Black, Red	ON/OFF Switching (DRV) or Line Voltage dimming (DIM LINE) when equipped w/EM Power Supply (EM/10W)
C2R	3	White, Black, Red	White, Red	Alternating Circuits
C3B	4	White, Black, Red, Blue	White, Black	For multiple circuits in continuous row applications
C3R	4	White, Black, Red, Blue	White, Red	For multiple circuits in continuous row applications
C3L	4	White, Black, Red, Blue	White, Blue	For multiple circuits in continuous row applications
C2BW/R	5	White, Black, Red, Gray, Green	White, Black/Red, Gray	0-10V 4-wire Low Voltage Dimming (DIM)
C3BLW/R	6	White, Black, Red, Blue, Gray, Green	White, Black, Blue/Red, Gray	0-10V 4-wire Low Voltage Dimming (DIM) with EM Power Supply (EM/10W)
C3LW/R	6	White, Black, Red, Blue, Gray, Green	White, Blue/Red, Gray	0-10V 4-wire Low Voltage Dimming (DIM) with Nightlight (24/7 Operation)

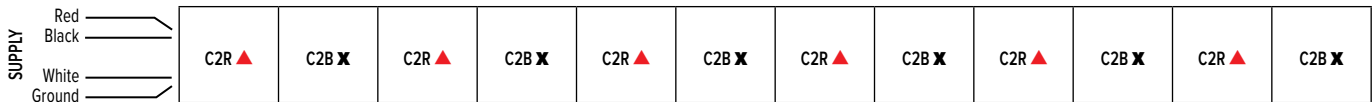
TYPICAL APPLICATIONS

◆ Denotes ballast connected to **blue** supply circuit. ▲ Denotes ballast connected to **red** supply circuit. ✕ Denotes ballast connected to **black** supply circuit.

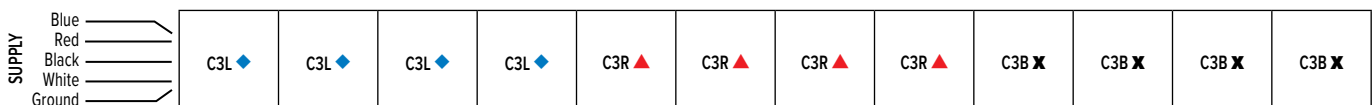
EXAMPLE A: MULTIPLE CIRCUITS WITH EVERY THIRD FIXTURE ON SEPARATE CIRCUITS



EXAMPLE B: MULTIPLE CIRCUITS WITH ALTERNATE FIXTURE ON SEPARATE CIRCUITS



EXAMPLE C: MULTIPLE CIRCUITS AND SINGLE CIRCUIT WITH GROUP SWITCHING ON SEPARATE CIRCUITS



EXAMPLE D: MULTIPLE CIRCUITS AND SINGLE CIRCUIT WITH NIGHT LIGHTS LOCATED WITHIN ROW

