

REUSABLE, RELOCATABLE MODULAR WIRING
ECO-FRIENDLY AND HALOGEN-FREE
THE NEXT GENERATION IN WIRING SYSTEMS®



EZ-Wiring
Fast. Safe. Smart.



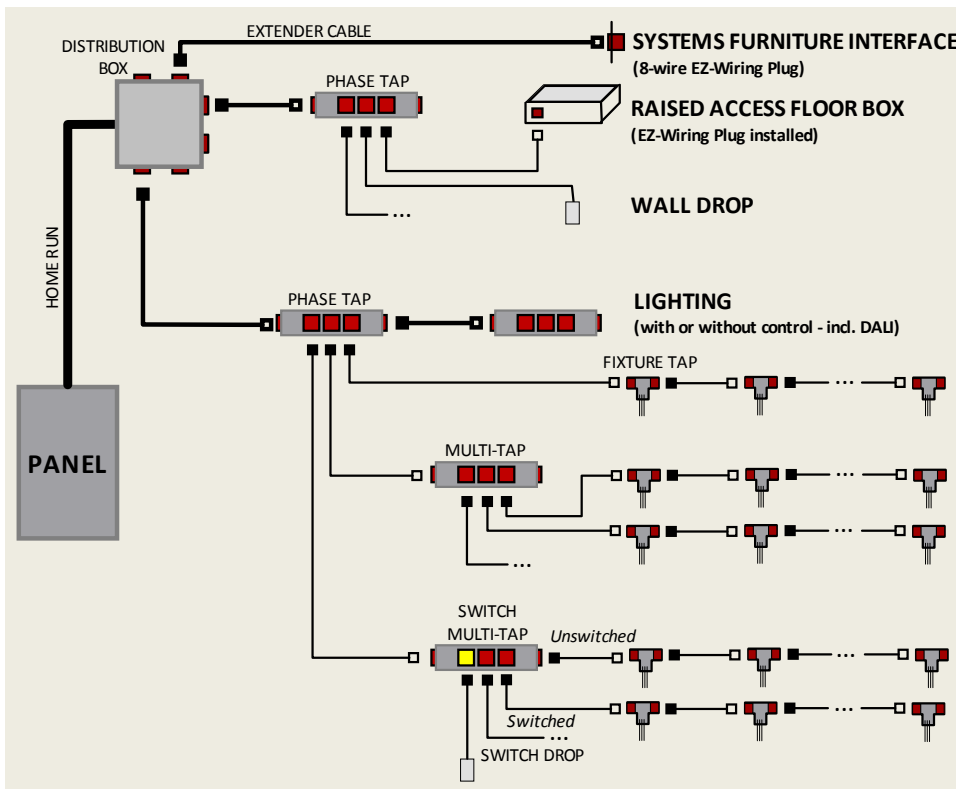
EZ-Wiring® is the fastest, safest and most eco-friendly method of wiring.

Patented technology provides safe, consistent and long-lasting connections in a relocatable and reusable modular wiring system.

Constructed with Halogen-Free RoHS-compliant materials, EZ-Wiring is the environmentally-responsible modular wiring system.

Applications

EZ-Wiring is an end-to-end Modular Wiring System (MWS) that enables safe and intuitive plug-and-play connections from panel to end-use devices such as light fixtures or electrical outlets.



SYSTEM FEATURES

DISTRIBUTION BOX

Delivers multiple power and lighting circuits from panel to zone using flush mount EZ-Wiring Receptacles as required

PHASE TAP

Converts 8-wire (up to 4 circuits) input in to individual circuit connection points (1xIN, 4xOUT)

SYSTEMS FURNITURE INTERFACE

EZ-Wiring Plug pre-installed on a 4 11/16" plate for field wiring to furniture base feed

MULTI TAP

Separates input into multiple identical legs (1xIN, 4xOUT)

SWITCH MULTI TAP

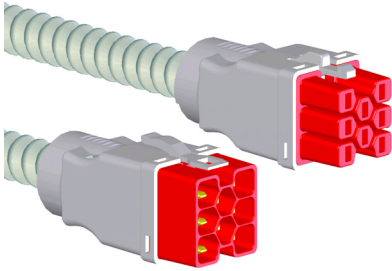
Separates input into switched and unswitched legs.

FIXTURE TAP

Compact low-profile devices provide quick connection to luminaires of all types. Available with or without control legs – including DALI.

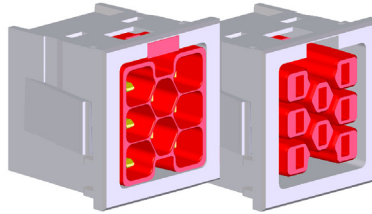
Components

CABLES



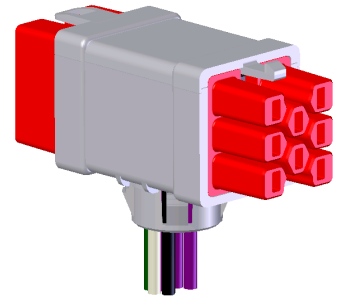
Compact EZ-Wiring cable connectors are integrally secured to premium ULTRALX® AC90/MC Cable providing safe and intuitive connections. Available in EXTENDER, STARTER & DROP CABLE formats.

PLUGS and RECEPTACLES



Flush-mount 38mm square devices for use in enclosures and junction boxes offer exceptional strength, form and flexibility.

FIXTURE TAP



Low-profile device provides quick connection to light fixtures. Snap-in ½" trade knockout design can be field or factory installed. Integrally moulded for superior strength and reliability.

Features and Benefits

Unprecedented confidence and safety

- Colour-coded, uniquely-keyed components provide intuitive and error-free connectivity.
- Shrouded connectors offer enhanced safety and protection.
- Integrally moulded for superior strength and reliability.
- EZ-Wiring components are 100% tested to strict quality and safety standards.

Lower cost of ownership

- Modular “plug-and-play” components reduce installation time and enable quick, safe and cost-effective alterations.
- Pre-terminated connections provide an economical solution for flexible environments, tenant fit-up, retail display or renovations.
- Metal-clad cablesets are faster to install and less costly than traditional pipe and wire.
- Enables easy maintenance with minimal disruption.

Eco-friendly

- Manufactured with RoHS compliant materials – Lead and Heavy Metal free.
- Non-toxic Low-Smoke Zero-Halogen components ensure superior protection.
- Easily relocatable, cost-effectively encouraging the reuse of building wire and cable – reducing waste and disposal.
- Factory-assembled thereby effectively reducing job-site waste.

Total building wiring solution

- Modular connectivity for lighting and branch circuits up to 600V 20A.
- Light fixtures, control systems, devices, switches, panels and most other equipment can be installed using EZ-Wiring.
- Uniquely-keyed configurations accommodate a variety of applications encountered in commercial and residential construction.
- Acceptable for use in environmental air handling spaces in accordance with CEC and NEC
- Designed to satisfy Canadian and National Electrical Code requirements for building wiring.

EZ-Wiring “H-Series” Product Information

US Patents 6376770, 6857903, 7279635

“EZ-Wiring”, “The Next Generation in Wiring Systems” and “Ultralx” are registered trade-marks of Electec Ltd.

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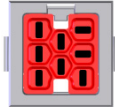
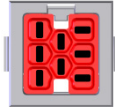
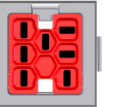
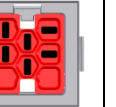
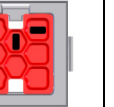
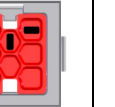
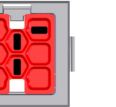
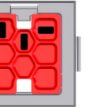
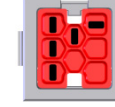
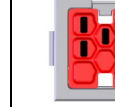
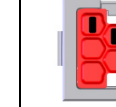
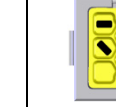

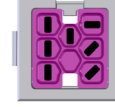
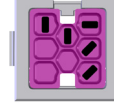

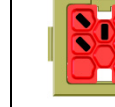
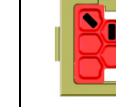
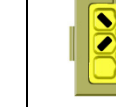

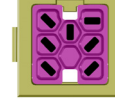



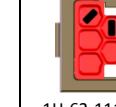




Email: support@electeconline.com

Configuration Matrix

EZ-Wiring is constructed in uniquely-keyed, colour-coded configurations to ensure safe and intuitive connections. Receptacle configurations are shown below. Configurations not shown here may be available by contacting Electec.

H-Series | Up to 8 wire applications

Include: power distribution, furniture systems, luminaires, switches, receptacles and other branch circuit equipment up to 4 circuits.

Power Distribution								
125/250V 20A	8w Distribution		Compatible Branch Circuiting Options					
	(4L, 2N, 2G)	(3L, 3N, 2G)	(4L, 2N, G)	(2L, 2N, 2G)	(3L, N, G)	(2L, N, G)	(L, N, 2G)	(L, N, G)
	 1H-22-4220-_____	 1H-22-3320-_____	 1H-22-4210-_____	 1H-22-2220-_____	 1H-22-3110-_____	 1H-22-3110-_____	 1H-22-1120-_____	 1H-22-1110-_____
Lighting								
125/250V 20A	3Ph 4W	Dual/Split Circuit	Single Circuit	3,4-Way Switch	Switch	3Ph 4W w/DALI	Single Cct w/DALI	
	 1H-22-3110-_____	 1H-22-2110-_____	 1H-22-1110-_____	 1H-22-1012-_____	 1H-22-1011-_____	 1H-2D-3112-_____	 1H-2D-1112-_____	
277/480V 20A	 1H-42-3110-_____	 1H-42-2210-_____	 1H-42-1110-_____	 1H-42-1012-_____	 1H-42-1011-_____	 1H-4D-3112-_____	 1H-4D-1112-_____	
	347/600V 20A	 1H-62-3110-_____	 1H-62-2210-_____	 1H-62-1110-_____	 1H-62-1012-_____	 1H-62-1011-_____	 1H-6D-3112-_____	 1H-6D-1112-_____

Note: 480 and 600V product cCSA approved only "not for interrupting current".

Specifications

- Constructed using ULTRALX[®] AC-90/MC cable, minimum 12AWG conductors rated 600V 20A.
- Components are integrally moulded for superior strength and reliability.
- Mating connectors are self-latching and shrouded for added safety and protection.
- Uniquely-keyed, colour-coded mating connectors ensure safe, simple and error-free connectivity.
- Robust terminals deliver excellent electrical performance.
- Manufactured with Eco-Friendly Halogen-free RoHS-compliant materials.
- CSA 22.2 No 203.1 and UL 183 certified Manufactured Wiring System.
- Acceptable Ballast Disconnect Means for Fluorescent Luminaires.
- Acceptable for use in environmental air handling spaces in accordance with CEC Part 1 12-010(3) and NEC 300-22(c).



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