

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



EZ-Wiring®
Fast. Safe. Smart.

 **ELECTEC®**
BUILDING WIRING SYSTEMS

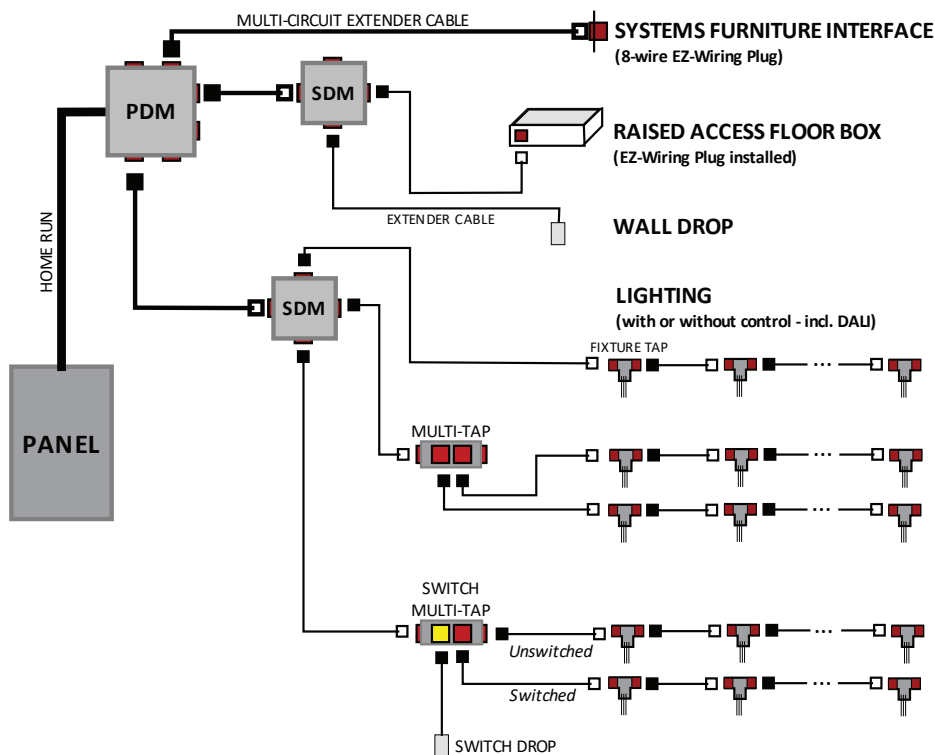
EZ-Wiring® is the fastest, safest and most eco-friendly method of wiring.

Patented technology provides safe, reliable 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

PRIMARY DISTRIBUTION MODULE (PDM)

Delivers main distribution point for EZ-Wiring MWS using flush-mount multi-circuit Receptacles

SECONDARY DISTRIBUTION MODULE (SDM)

Converts multi-circuit input into individual circuit zone connection points.

SYSTEMS FURNITURE INTERFACE

EZ-Wiring Plug pre-installed on a plate for field wiring to furniture base feed

MULTI TAP

Separates input into multiple outputs (1xIN, 3xOUT)

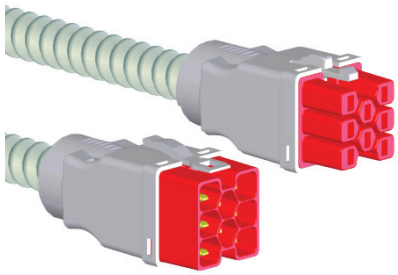
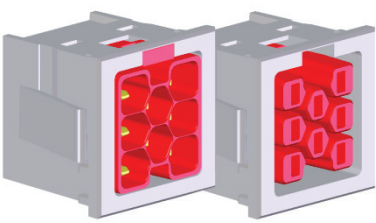
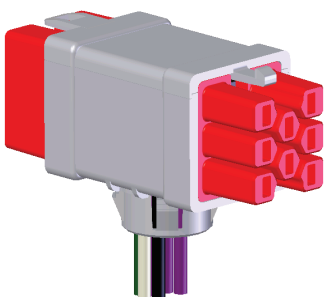
SWITCH MULTI TAP

Separates input into switched and unswitched outputs.

FIXTURE TAP

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

Components

CABLES	PLUGS and RECEPTACLES	FIXTURE TAP
		
<i>Compact EZ-Wiring cable connectors are integrally moulded to premium ULTRALX® AC90/MC Cable providing safe and intuitive connections. Available in EXTENDER, STARTER & DROP CABLE.</i>	<i>Flush-mount 38mm square devices for use in enclosures and junction boxes offer exceptional strength, compact form and flexibility.</i>	<i>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.</i>

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 cable-sets 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.
- Easily relocatable, cost-effective and enable the reuse of building wire and cable – reducing waste and disposal.
- Factory-assembled and fully tested, ensuring superior quality and reliability.

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 NEC and CEC.
- 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.

11/2017

ELECTEC Building Wiring Systems

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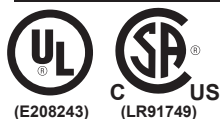
Configuration Matrix

Features and Benefits:

- ELECTEC **EZ-Wiring**® components are UL Listed to be in compliance with UL 183 – Manufactured Wiring Systems (QQVX) and CSA Certified to be in compliance with CSA 22.2 No. 203-1- Manufactured Wiring Systems.
- Constructed using **ULTRALX**® MC/AC90* cable (300lbs Tension), minimum 12AWG stranded conductors rated 600V 20A.
- Available with SJOW Cord where acceptable.
- Robust terminal design exceeds 470Amp for 4 seconds.
- Eco-Friendly, Low Smoke, V0 rated, RoHS-compliant materials. Dielectric Withstand 3000Vac.
- Connectors are integrally moulded (fully encapsulated) utilizing high impact Halogen-free polymers for superior strength, reliability and safety.
- Mating connectors are self-latching and shrouded for added protection.
- Uniquely-keyed and colour-coded to clearly indicate ratings and provide safe, simple, error-free connectivity.
- Only connectors having identical colours can plug together properly.
- Approved “Ballast Disconnect Means” per NEC 410.73(g) and CEC Part 1 30-308(4).
- Suitable for use in environmental air handling spaces (plenums) per NEC 300-22(c) and CEC Part 1 12-010(3)
- Acceptable for interrupting current (make or break) under full load.

POWER APPLICATIONS						
125/250V 20A Gray Shell/Cap	3w	4w	5w		7w	
	(L,N,G)	(2L,N,G)	(2L,2N,G)	(3L,N,G)	(3L,3N,G)	(4L,2N,G)
	1H-22-1110-R	1H-22-2110-R	1H-22-2210-R	1H-22-3110-R	1H-22-3310-R	1H-22-4210-R
	4w	5w	6w		8w	
	(L,N,2G)	(L2,N,2G)	(2L,2N,2G)	(3L,N,2G)	(3L,3N,2G)	(4L,2N,2G)
	1H-22-1120-R	1H-22-2120-R	1H-22-2220-R	1H-22-3120-R	1H-22-3320-R	1H-22-4220-R

	LIGHTING APPLICATIONS					SWITCH		
	Single cct.	Dual/Split cct.	3ph 4w	with Control (Class 1)		1P	c/w Neutral	3 or 4 Way
	(L,N,G)	(2L,N,G)	(3L,N,G)	Single cct.	3ph 4w	(L,G,S)	(L,N,G,S)	(L,N,G,2S)
125/250V 20A Gray Shell/Cap								
	1H-22-1110-R	1H-22-2110-R	1H-22-3110-R	1H-2D-1112-R	1H-2D-3112-R	1H-22-1011-R	1H-22-1111-R	1H-22-1112-R
277/480V 20A Tan Shell/Cap								
	1H-42-1110-R	1H-42-2110-R	1H-42-3110-R	1H-4D-1112-R	1H-4D-3112-R	1H-42-1011-R	1H-42-1111-R	1H-42-1112-R
347/600V 20A Brown Shell/Cap								
	1H-62-1110-R	1H-62-2110-R	1H-62-3110-R	1H-6D-1112-R	1H-6D-3112-R	1H-62-1011-R	1H-62-1111-R	1H-62-1112-R



Front View - Receptacle configuration shown



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