

FEATURES & SPECIFICATIONS

INTENDED USE

The Cable Extender is a male/female cable that provides additional length anywhere throughout the RELOC system.

ELECTRICAL

- Rated for use on 20-amp branch circuits.
- All conductors are No. 12 AWG copper with 90°C thermoplastic insulation rated 600V. (Exception: C12S option has 2 No. 18 AWG conductors for controls wiring.)
- All components provide a fully rated No. 12 AWG grounding conductor.
- C12S option includes three 12 AWG conductors and 18 AWG shielded pair for controls wiring.
- Safety-keying prevents accidental mating of components with different voltages.
- Accommodates up to three hot conductors plus neutral and ground feed-through of branch circuits in a single component.

SYSTEM FEATURES

- Pin and socket contacts.
- Color-coded labels for quick voltage identification.
- Available in varying lengths to suit most common fixture spacing requirements.
- Green armor standard for easy identification in healthcare facilities.
- Plenum rated.

LISTINGS

- UL Listed. CSA certified.
- Controls wiring option C12S is UL Listed only.
- C12S option meets NEC requirements for separation of Class 2 and Class 3 circuits from Class 1 circuits by a barrier as defined by Article 725.136(B).
- Meets NEC requirements for redundant ground paths for patient care areas in healthcare facilities (HCF option).
- Patents pending.

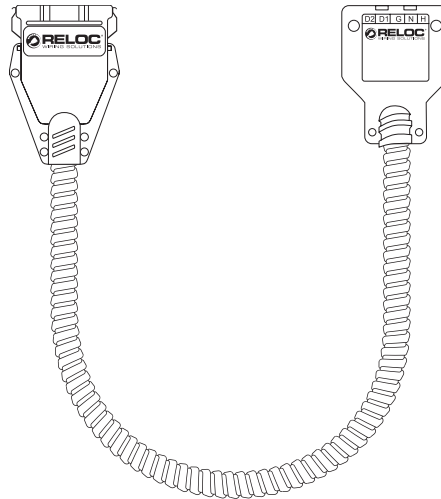
WARRANTY

- 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

820 Circuit Extender

LIGHTING AND POWER SYSTEM

CE



CONTROLS-ENABLED WIRING OPTIONS

- 0-24V integrated single-circuit or 0-10V low voltage controls applications: select C12S.
- Sensor Switch®, nLight®, LC&D XPoint™ fixture level controls applications: select CAT5_(length) options.

Actual performance may differ as a result of end-user environment and application.
 Note: Specifications subject to change without notice.

ORDERING LOGIC

For shortest lead times, configure product using **bolded options**.

Example: CE 277 F U 21 2N

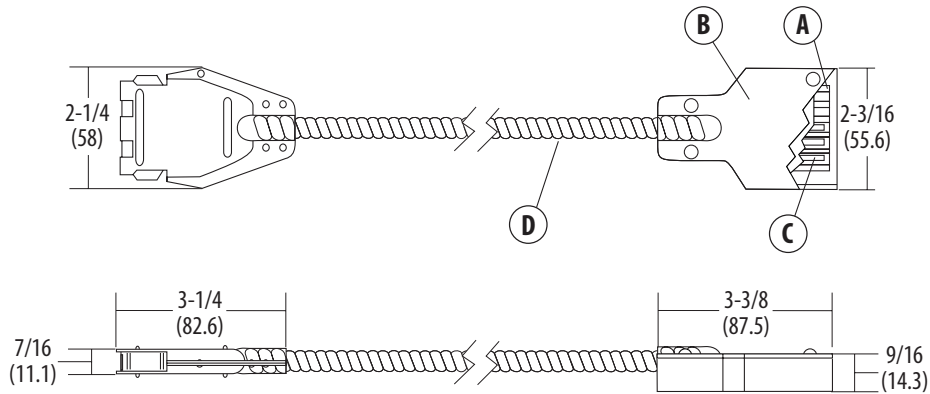
CE				U					
Series	Voltage	Conductors	Factory Keying	Length	Controls Wiring	Options			
CE	120 120V 208 208V 240 240V 277 277V 347 347V 480 480V	D Three E Four F Five	U	05 5 ft. 07 7 ft. 09 9 ft. 11 11 ft. 13 13 ft. 15 15 ft.	(blank) Not required C12S Integrated CI, CII rated line voltage and signal wires ¹ CAT5_ Preterminated and tested CAT5	2N Two neutrals ³ HCF Meets healthcare facility requirements ⁴ IGW Isolated ground ⁵			

NOTES

1. C12S available with D conductor only.
2. See spec sheet CAT5 for details. CAT5 length must be at least two feet longer than CE length. If DC or PT is used to power fixtures include drop length in total length of CAT5.
3. 2N option available with 120V, 277V, 347V and F conductor only.
4. HCF option available with F conductor only.
5. IGW available with E and F conductor and 120V.

DIMENSIONS

Dimensions are shown in inches (millimeters)



- A** – Die-cast zinc with zinc-plated CRS cover
- B** – UL recognized connector body
- C** – Tin-plated brass contacts
- D** – MC cable standard, FMC and HCF MC optional

NOTES

- One, two or three hot conductors in 120V and 277V as required.
- Rated for 20-amp capacity.
- Prefabricated cable extender carrying No. 12 AWG copper conductors rated at 600V, 90°C thermoplastic insulation and fully rated solid bare grounding conductor.

SYSTEM VIEW

System View designs are for illustrative purposes only.

