Day-Brite

CFI by signify

Wiring System

Electro-Connect

EC-Two

Project:

Location:

Cat.No:

Type:

Lumens: Qty:

Notes:

Day-Brite Electro-Connect is a pre-assembled modular wiring system designed to simplify the process of wiring and installing fixtures ultimately providing time and cost savings.

- **Reverse Distribution Cable-** Function as the starting point from which all the other system components are connected.
- **Lighting Cable -** Extends locally or panel controlled branch circut power to another lighting fixture in an accessible ceiling area.
- **Splitter -** Designed with one "power-in" tap and two "power-out" taps, making it possible to split a single cable run into two directions.

Ordering guide

Example: 1DB15-R-HV

Voltage	Function	Number of Wires	Cable Length	Flex Component	Options
			–	–	
1 120/208/240 **2** 277/480	**D** Distribution Cable **L** Lighting Cable **SP** Splitter	**A** 2-wire with ground (phase A) **B** 3-wire with ground (phase A, B) **C** 4-wire with ground (phase A, B, C) **D** 2-wire with ground (phase B) **F** 2-wire with ground (phase C) **AD**[1] 2-wire with ground (phase A) **DF**[1] 2-wire with ground (phase B) **AF**[1] 2-wire with ground (phase C) **BN**[1] 4-wire with ground 2 Hots, 2 Ntls	**15** Cable length of 15' **X** Other cable length in feet - contact factory	**R** Flex 2 Component	**HV** High Voltage (240 or 480) **HCF** HCF Cable **SC** #10AWG wire

1. Used with 208/240/480 voltage

Application

- The Reverse Distribution Cable functions as the starting point from which all the other system components are connected.
- The Lighting Cable extends locally or panel controlled branch circut power to another lighting fixture in an accessible ceiling area.
- The Splitter is designed with one "power-in" tap and two "power-out" taps, making it possible to split a single cable run into two directions.

Construction

Distribution Cable

- Each Reverse Distribution Cable is manufactured from Type MC Cable and is equipped with a MC connector to fit in a 1/2" knock-out.
- The conductors extending into a junction or distribution box for connection to the hardwired system are six inches long. They consist of 90° C insulated #12 AWG solid copper conductors and a #12 AWG bare solid copper ground.
- Lighting Cable leads are 105° C insulated, #18AWG, solid copper conductors.
- All Reverse Distribution Cables are rated for use on 20 ampere branch circuits and are dead fronted for safety

Lighting Cable

- Each Lighting Cable is manufactured from Type MC Cable, the component features 90° C insulated #12 AWG, solid copper conductors with a #12 AWG insulated solid copper ground.
- Lighting Cable leads are 105° C insulated, #18AWG, solid copper conductors.
- All Lighting Cables are rated for use on 20 ampere branch circuits and are dead fronted for safety. All are keyed and color coded according to their specific voltage requirements.

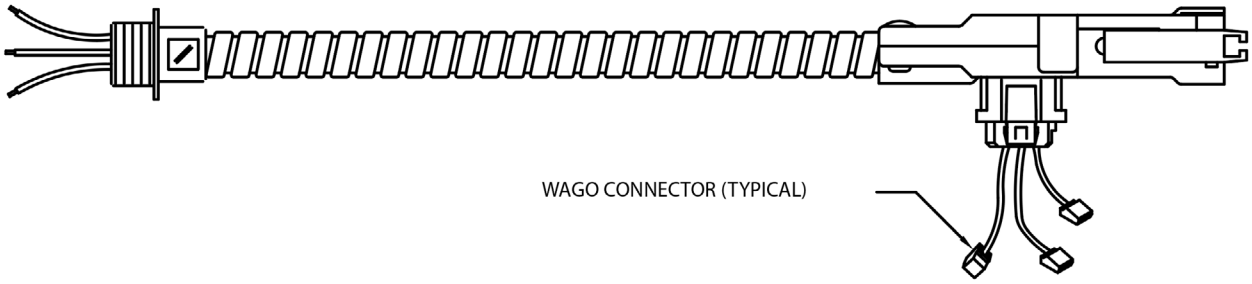
Splitter

- Each Splitter is internally wired with 90° C insulated #12 AWG, insulated solid copper conductors and a #12 AWG, insulated solid copper ground.
- All Splitters are rated for use on 20 ampere branch circuits and are dead fronted for safety. Splitters are also keyed and color coded according to their specific voltage requirements.

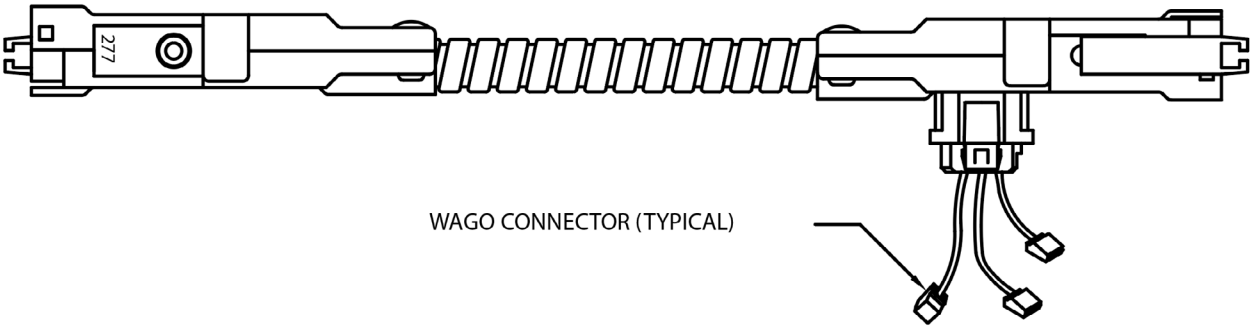
EC2 Electro-Connect

Distribution Cable, Lighting Cable & Splitter

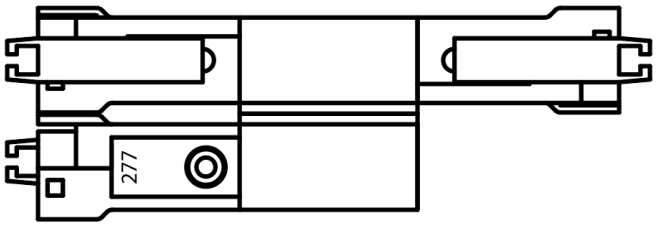
Distribution Cable



Lighting Cable



Splitter



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