

Catalog Number	
Notes	Type

## FEATURES & SPECIFICATIONS

### INTENDED USE

The OnePass Converter provides the interface between hard-wiring and the OnePass system at homerun location.

### ELECTRICAL

- Rated for use on 20-amp branch circuits.
- All conductors are 12 AWG copper with -20°C to +90°C thermoplastic insulation rated 600V.
- Safety-keying prevents accidental mating of components with different voltages.

### SYSTEM FEATURES

- Pin and socket contacts.
- Color-coded labels for quick voltage identification.
- 6" leads prestripped 5/8" for ease of wiring.
- Installs through 1/2" knockout; locknut included.
- EXT option enables OC's to be installed in hot and cold applications (-40° to +90°C).
- Type of insulation for EXT option is based on NEC Table 310.104(A).
- Dust Cover available for unused ports: RDC3 METAL DUST COVER.

### LISTINGS

- UL listed to US and Canadian safety standards.
- U.S. Patent No. 5,679,023

### WARRANTY

- 5-year limited warranty. Complete warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

### CONTROLS-ENABLED WIRING OPTIONS

- 0-24V multi-circuit dimming or 0-10V low voltage controls applications: select LVC.

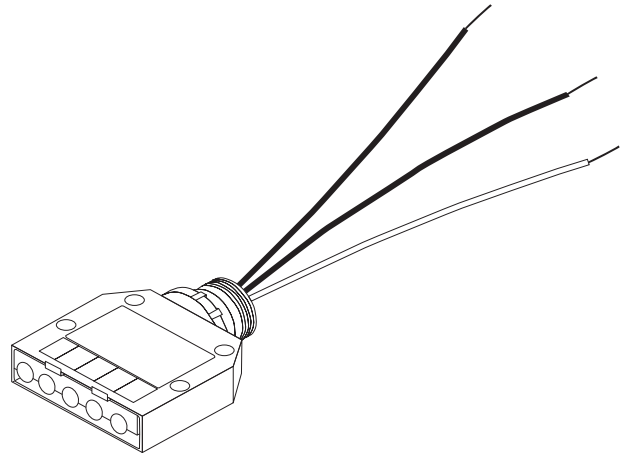
Actual performance may differ as a result of end-user environment and application.

Note: Specifications subject to change without notice.

OnePass® Converter

OPEN CEILING LIGHTING SYSTEM

# OC



## ORDERING LOGIC

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

**Example: OC 277 12/4G**

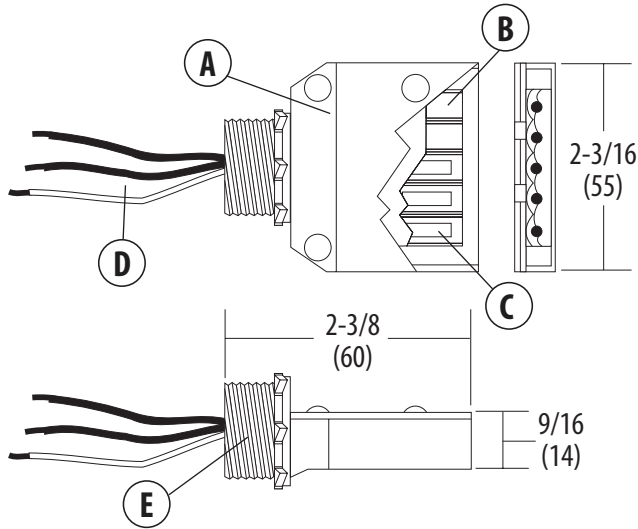
OC		Voltage		Conductors <sup>1</sup>		Controls Wiring		Options	
Series									
<b>OC</b>		<b>120</b>	120V	<b>12/2G</b>	Two 12 AWG conductors, plus 12 AWG ground	<b>(blank)</b>	Not required	<b>2N</b>	Two circuit, two neutral <sup>2</sup>
		<b>208</b>	208V	<b>12/3G</b>	Three 12 AWG conductors, plus 12 AWG ground	<b>LVC</b>	3 position connector system for low voltage wiring	<b>EXT</b>	Extreme temperature rating conductors <sup>3</sup>
		<b>240</b>	240V						
		<b>277</b>	277V						
		<b>347</b>	347V						
		<b>480</b>	480V	<b>12/4G</b>	Four 12 AWG conductors, plus 12 AWG ground				

### NOTES

1. Conductors available in 12 AWG only. If 10 AWG is required, OSC2 must be used. Standard wire lead length is 6 inches. Consult factory for longer lead lengths.
2. 2N option available only in 120V, 277V and 347V; 12/4G conductors only.
3. EXT option required for EXTREME hot and cold temperature applications (-40° to 90°C). Option not available with 12/4G conductors.

## DIMENSIONS

Dimensions are shown in inches (millimeters)



- A – 18-gauge galvanized steel cover, zinc alloyed casting
- B – Connector body
- C – Tin-plated, brass contacts
- D – 6" leads prestripped 5/8"
- E – Threaded nipple with locknut for easy installation in 1/2" trade-size K.O.

Position	Wire Color				
	120V <sup>1</sup>	208/240V <sup>2</sup>	277V <sup>1</sup>	347V <sup>1</sup>	480V <sup>2</sup>
G	Bare	Bare	Bare	Bare	Bare
1	Black	Black	Brown	Black	Brown
2	Red	Red	Orange	Red	Orange
3	Blue	Blue	Yellow	Blue	Yellow
N	White	Violet	Gray	White	Violet

### NOTES

1. Two neutral (2N) products have gray (120V) white (277V) in 3rd position.
2. N position becomes 4th Hot for 208, 240, 480V 3 phase.

## SYSTEM VIEW

System View designs are for illustrative purposes only.

