

FEATURES & SPECIFICATIONS

INTENDED USE

The OnePass Splitter Splice (OSS), Switching Tee (OST), and the Selector Unit (OSU) are male/female devices that can be used in multiple ways for power and lighting applications. The OSS connects to other One Pass system devices and splits the branch circuit wiring into two directions. The OST is located above the primary switch locations and introduces local switching and unswitched power to be used as needed for subsequent fixtures. The OSU provides wiring to fixtures and power devices through a 1/2" trade size knockout.

ELECTRICAL

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

SYSTEM FEATURES

- EXT option enables OSS'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 CSA/UL J50 (available job pack of 50 only)

CONTROLS-ENABLED WIRING OPTIONS

- 0-24V integrated single-circuit or 0-10V low voltage controls applications: select C12S option.

LISTINGS

- C-UL-US listed for indoor, dry, and accessible locations.
- Meets or exceeds all the requirements of UL183 and NEC (NFPA70) Article 604 for manufactured wiring systems
- 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).

GOVERNMENT PROCUREMENT

- BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.
- BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
- Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

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



ORDERING INFORMATION

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

Example: OSS 277 12/4G

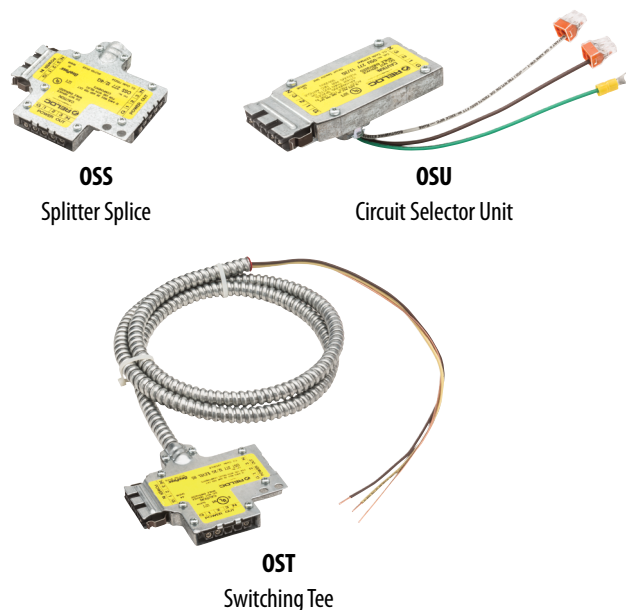
Series	Voltage ¹	Conductors	Controls Wiring	Options
OSS	120 120V	12/2G Three 12 AWG conductors, including one 12 AWG ground ²	(blank) Not required C12S Integrated C1,CII rated line voltage and signal wires ²	2N Two circuit, two neutral ⁴ EXT Extreme temperature rating conductors ⁵
	208 208V			
	240 240V	12/3G Four 12 AWG conductors, including one 12 AWG ground		
	277 277V			
	347 347V			
	480 480V			

Notes

- 208, 240, 480 voltages not available with 2N option.
- 12/2G available with C12S only.
- 12/4G conductors are standard and should be used when options C12S and EXT are not required.
- 2N only available with 12/4G. Only available with 120, 277, 347 voltages.
- EXT available with 12/3G only.

OnePass® System Devices

OSS, OSU, OST



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.

*See ordering tree for details

ORDERING INFORMATION

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

Example: OSU 120 12/4G

Series	Voltage	Conductors	Controls Wiring	Options	Connector Type
OSU	120 120V	12/4G Five 12 AWG conductors, including one 12 AWG ground	(blank) Not required C12S Integrated CI, CII rated line voltage and signal wires ¹	(blank) Not required 2N Two circuit, two neutral ²	(blank) Not required RRL RELOC®-ready luminaires ³
	208 208V				
	240 240V				
	277 277V	18/2G Three 18 AWG conductors, including 18 AWG ground			
	347 347V				
	480 480V	18/4G Five 18 AWG conductors, including 18 AWG ground			

Notes

1. C12S available with 18/2G only.
2. 2N available with 12/4G & 18/4G only.
3. If RRL selected, fixture must have RRL and wiring instruction. See fixture spec sheet for details. See [RRL](#) spec sheet for connector details.

ORDERING INFORMATION

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

Example: OST 277 1LEVEL 09

Series	Voltage	Drop Type	Length	Controls Wiring	Options
OST	120 120V	1LEVEL Two 12 AWG conductors, plus 12 AWG ground	1 ft up to 35 ft	(blank) Not required C12S Integrated CI, CII rated line voltage and signal wires ¹	(blank) Not required N One neutral wire provided in drop HCF Meets healthcare facility requirements ²
	277 277V				
	347 347V	2LEVEL Four 12 AWG conductors, plus 12 AWG ground			

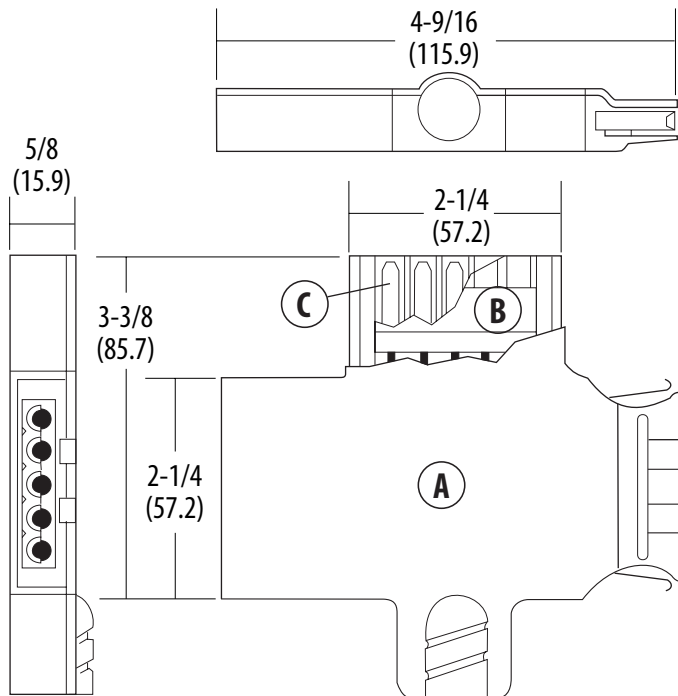
Notes

1. C12S available with 1LEVEL only.
2. HCF available with 2LEVEL drop type only. HCF not available with controls wiring options C12S.

OSS – Splitter Splice

DIMENSIONS

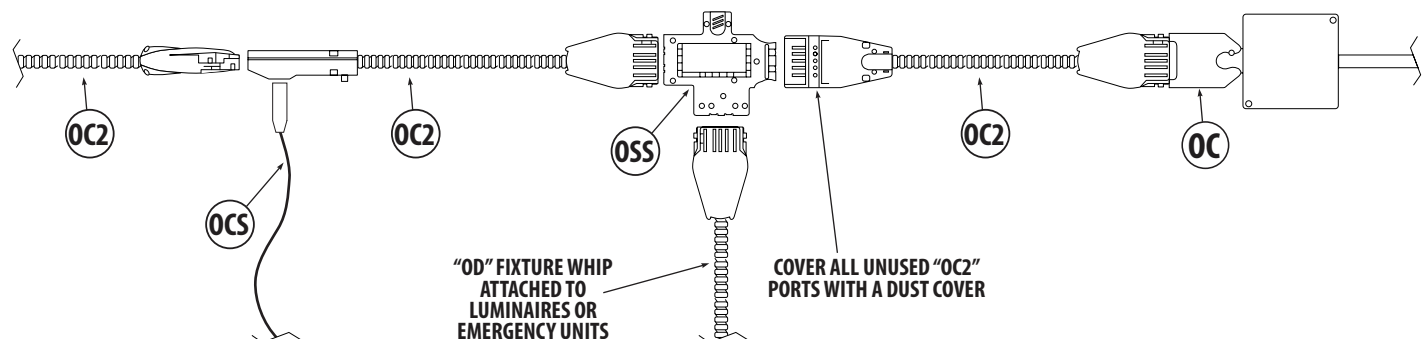
Dimensions are shown in inches (millimeters)



- A – 18-gauge galvanized steel cover, zinc alloyed casting
- B – Connector body
- C – Tin-plated brass contacts

SYSTEM VIEW

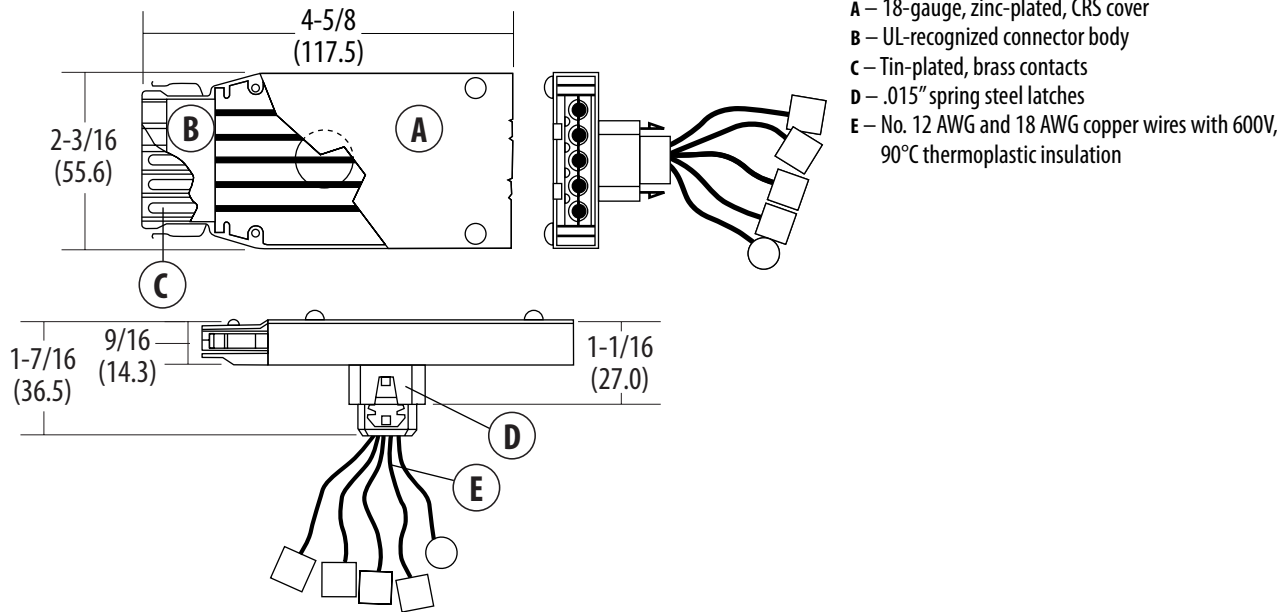
System View designs are for illustrative purposes only.



OSU – Selector Unit

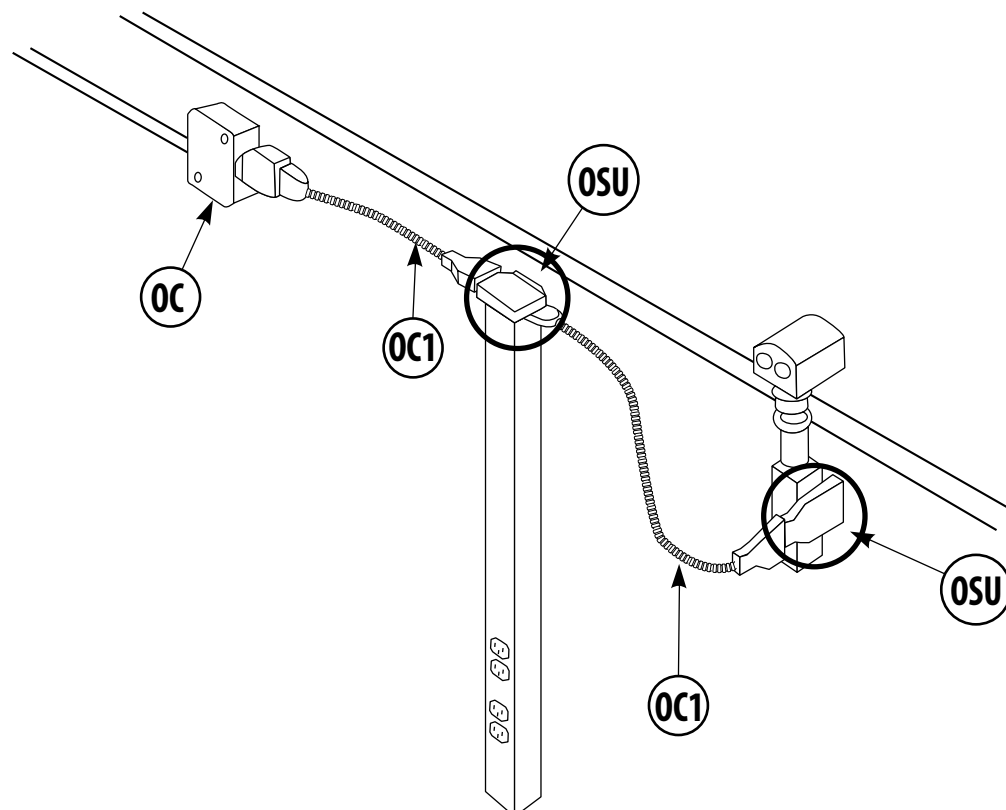
DIMENSIONS

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SYSTEM VIEW

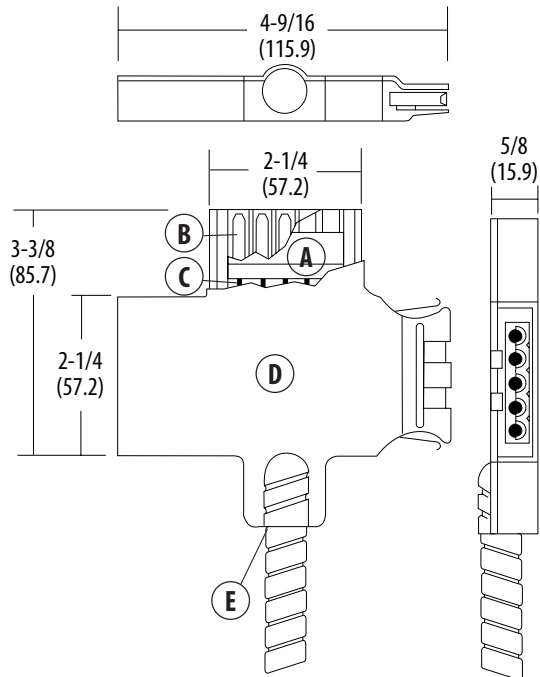
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OST – Switching Tee

DIMENSIONS

Dimensions are shown in inches (millimeters)



- A – UL recognized connector body
- B – Tin-plated brass contacts
- C – No. 12 AWG wire rated at 600V, 90°C
- D – Die-cast zinc with zinc-plated CRS cover
- E – FMC standard. HCF MC and C12S MC optional

NOTES

- Rated for 20-amp capacity.

SYSTEM VIEW

System View designs are for illustrative purposes only.

