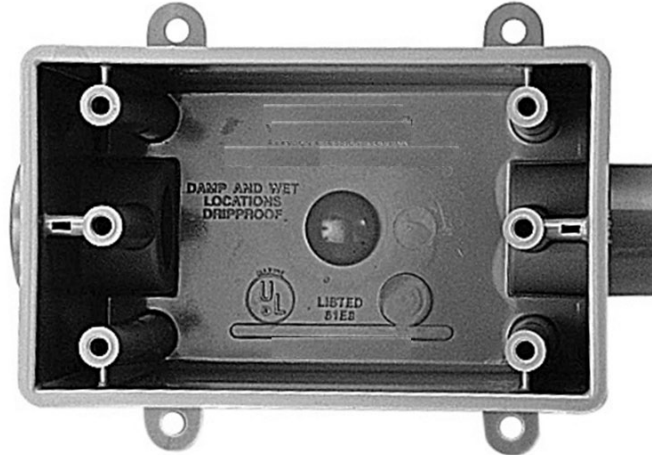


Outlet and Switch Boxes, Nonmetallic



1. Scope

This standard covers the requirements for nonmetallic outlet and switch boxes.

This standard applies to the following Seattle City Light (SCL) stock numbers:

<u>Stock No.</u>	<u>Conduit Size (in)</u>
734567	1/2
734571	3/4

For metallic outlet and switch boxes see SCL 7136.15.

2. Application

Outlet and switch boxes are used with Schedule 40 and 80 polyvinyl chloride (PVC) conduit to facilitate the pulling of wires, to protect and facilitate wiring splices and taps, to provide a means of mounting and protecting wiring devices, such as switches and receptacles.

Nonmetallic boxes are designed for use in indoor and outdoor locations where the box is exposed and subject to environmental conditions.

For damp and wet locations this box is to be used with weatherproof while-in-use covers, Stock No. 014570.

For the installation and use of outlet and switch boxes see Article 314 of the National Electrical Code (NEC).

Muneer Shetab *John Shipek*

Andrew Strong

3. Industry Standards

Outlet and switch boxes shall meet the applicable requirements of the latest revision of the following industry standards:

UL 514C; Standard for Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers

ANSI/NEMA OS2; Nonmetallic Outlet Boxes, Device Boxes, Covers, and Box Supports

4. Requirements

Outlet and switch boxes shall have the following attributes:

- PVC construction
- Without cover
- Non-threaded hubs
- One hub on each of the two short walls of the box
- 1-Gang
- 25 cubic inch volume
- Integral mounting feet

See Section 7 for hub sizes.

5. Packaging

Outlet and switch boxes shall be packaged to prevent damage during shipping, handling, and storage.

Each standard package shall be legibly marked with the following information:

- Manufacturer identification
- Product description
- SCL stock number
- Quantity

Each shipping container shall be legibly marked with the following information:

- SCL purchase order number
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6. Issuance

Stock Unit: EA

7. Approved Manufacturers

Stock No.	Conduit Size (in)	Carlson Catalog No.	Cantex Catalog No.
734567	1/2	E9811DN	5133463
734571	3/4	E9811EN	5133464

8. References

SCL Material Standard 7136.15; "Outlet and Switch Boxes, Metallic"

Article 314 of the National Electrical Code (NEC)

9. Sources

www.carlon.com

www.cantexinc.com

Shetab, Muneer; SCL Standards Engineer, originator, and subject matter expert for 7136.19

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