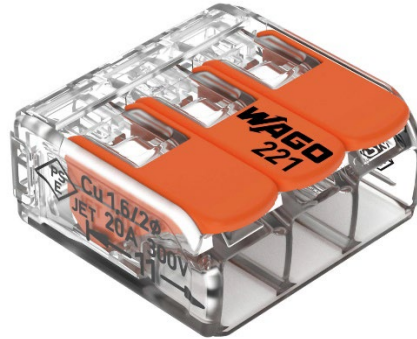


Connectors, Wire, Push-In-Type



1. Scope

This specification covers the requirements for push-in-type wire connectors.

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

Stock No.	Wire Combination Range (AWG)
015003	2 #20 to 2 #10
015004	3 #20 to 3 #10
015005	5 #20 to 5 #10

2. Application

Push-in-type wire connectors are used to electrically connect two or more solid or stranded copper conductors.

Connectors are not suitable for use with aluminum conductors.

Connectors are suitable for use with streetlight fixtures.

For use in dry locations only.

3. Industry Standards

Connectors shall meet the applicable requirements of the latest revision of the following industry standards:

UL 486C; Splicing Wire Connectors

UL 94; Standard for Safety of Flammability of Plastic Materials for Parts in Devices and Appliances

UL 467; Standard for Safety Grounding and Bonding Equipment

Standard Coordinator
Muneer Shetab

Standards Engineering Supervisor
Brett Hanson

Division Director
Bob Risch

4. Requirements

Connectors shall have the following attributes:

- Voltage rating: 600 V
- Current rating: 30 A
- Insulation material: polycarbonate
- Color: transparent
- V2 flammability rating: V2 (per UL 94)
- Operating temperature: up to 105° C
- Test ports: two per connector

5. Packaging

Connectors shall be packaged to prevent damage during shipping, handling, and storage.

Connectors shall be packaged 50 to a box.

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

- Manufacturer identification
- Product description
- Seattle City Light stock number
- Quantity

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

- Seattle City Light purchase order number

6. Issuance

Stock Unit: EA

7. Approved Manufacturers

Stock No.	Connection Points	Wire Range (AWG)	Manufacturer	Part No.
015003	2	#20 to #10	WAGO	221-612
015004	3	"	"	221-613
015005	5	"	"	221-615

8. Sources

SCL Material Standard 6771.10; "Connectors, Twist-Lock, Wing-Type"

Shetab, Muneer; Standards engineer and originator of 6771.12.

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