

Network Protector Remote Monitoring Accessories



1. Scope

This standard covers the requirements for network protector remote monitoring accessories used in the Seattle City Light (SCL) Network system.

This standard applies to the SCL stock numbers listed in Section 6.

See SCL 4381.03 for Network Protector Relay Kits.

See SCL 4381.05 for Network Protector Transmitter Kits.

2. Application

The accessories specified in this standard are used with DigitalGrid network protector relays and transmitters.

Vault Safe Service Mode Indicators (SSMIs) provide a visual indication of whether the DigitalGrid relay safe service mode is enabled or disabled. Indicators also allows manually changing the current state.

Ambient temperature sensors (Stock No. 012122) are used for continual measuring of the temperature within a manhole or vault.

Fluid sensors (Stock No. 012473) detect the existence of liquid within a manhole or vault.

3. Requirements

Accessories shall be compatible with the relays and transmitters specified in SCL 4381.03 and SCL 4381.05.

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4. Packaging

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

Individual packages shall be legibly marked with:

- Product description
- SCL stock number




Shipping containers shall be legibly marked with:

- SCL purchase order number

5. Issuance

Stock Unit: EA

6. Approved Manufacturers

Stock No.	Description	Manufacturer	Catalog No.	
012122	Ambient Temperature Sensor	Digital Grid	DG-500	
012473	Fluid Sensor, for detecting presence of liquid	Advanced Control Technology	S05010BBA0T	
014661	Vault Safe Service Mode Indicator	Digital Grid	DG-700	

7. References

SCL Material Standard 4381.03; "Network Protector Relay Kits"

SCL Material Standard 4381.05; "Network Protector Transmitter Kits"

8. Sources

Lu, Curtis; SCL Standards Engineer and originator of 4381.07

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