SECTION 26 0923

LIGHTING CONTROL DEVICES

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Toggle / snap switches for lighting.

B. Emergency lighting control transfer relay device

1.2 RELATED SECTIONS

A. Identification: Section 26 0553.

B. Interior lighting: Section 26 5100.

1.3 REFERENCES

A. IECC: International Energy Conservation Code.

B. NECA 1: Standard Practices for Good Workmanship in Electrical Construction.

C. NFPA 70: National Electrical Code.

1.4 SUBMITTALS

A. Product data: Each type of device used in the project.

B. Bill of materials: Provide detailed list of components and quantities.

1.5 QUALITY ASSURANCE

A. Devices shall be UL listed and labeled for their intended application.

B. Provide services from factory certified field service engineer to perform functional testing.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Store components indoors in a clean dry space with uniform temperature to prevent condensation. Protect switches from exposure to dirt, fumes, water, corrosive substances, and physical damage.

PART 2 - PRODUCTS

2.1 TOGGLE / SNAP SWITCHES FOR LIGHTING

A. Manufacturers:

1. Arrow Hart/Eaton Wiring Devices
2. Hubbell/Bryant Electric
3. Legrand/Pass & Seymour (P&S)
4. Leviton Manufacturing Co.

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B. Toggle / snap switches: Specification grade conforming to UL 20:

1. General-use: Single-pole, 3-way, and 4-way, 20 amperes, 120/277 volts:

a. Basis of design: P&S PS20AC1, industrial extra heavy-duty.

C. Device color: White

D. Device covers: Type 302 stainless steel.

1. Basis of design: P&S: Type 302 stainless steel, SS series.

2.2 EMERGENCY LIGHTING CONTROL TRANSFER RELAY DEVICE

A. External type (multiple fixture): Self-contained, modular unit mounted within accessible ceiling. UL 924 and UL 1008 listed as “emergency lighting equipment” and UL listed for field installation.

1. Capable of bypassing the local switching means when normal utility power has been lost.
2. Device shall consist of a remote test switch, normal power indicator light and an alternate power indicator light in a common faceplate. This remote indicating station shall be mounted in an acoustical ceiling tile or drywall ceiling near the device whenever the location of the transfer relay device is obstructed from view.
3. Rated for 120 through 277 volts AC, up to 20 amperes of lighting load.
4. Basis of design: Bodine, model GTD20A.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. Install devices in complete compliance with the manufacturer's recommendations.

B. Provide a single cover plate where two or more devices are grouped together in one box.

C. Verify door swings with door frame installed prior to rough-in for switches.

D. Ground components according to Section 26 0526, Grounding and Bonding.

3.2 IDENTIFICATION

A. Materials: Refer to Section 26 0553, "Identification for Electrical Systems." Identify devices and wiring.

END OF SECTION