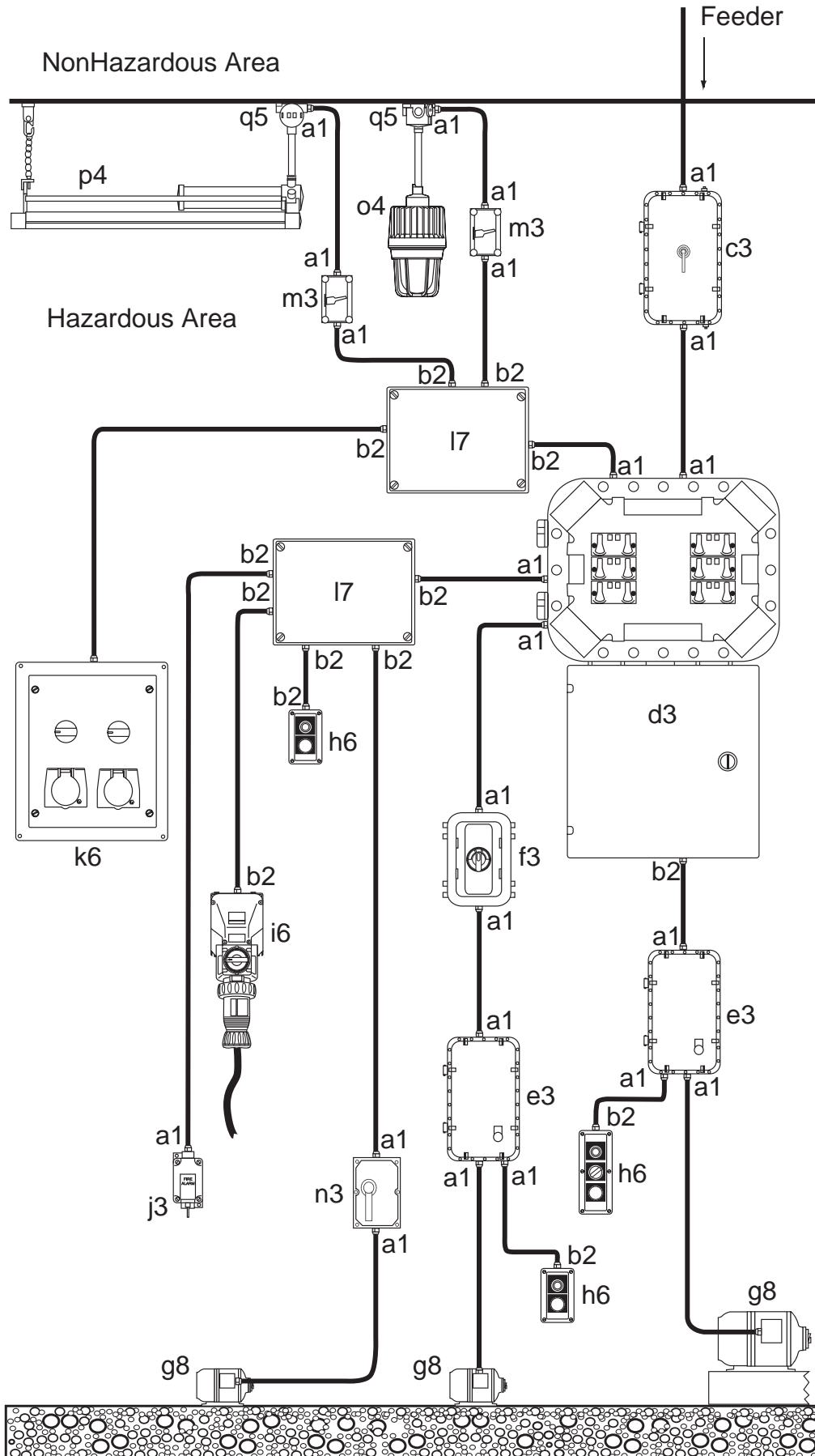


Power & Lighting (Cable) Installation, Class I, Division 2



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Product Key

- (a) Clencher CMX Explosionproof Metal Clad Cable Connector
- (b) Clencher CMC Metal Clad Cable Connector
- (c) B7C Prism Circuit Breaker
- (d) D2L Series Factory Sealed Circuit Breaker Panelboard
- (e) B7 Prism Magnetic line starter
- (f) B7NFD Disconnect Switch
- (g) Hazardous Location rated Motor
- (h) Duratech Control Station
- (i) VSI Switched Plug and Receptacle
- (j) XAL Fire Alarm Station
- (k) Clean Room Receptacle Panel
- (l) Techneterm Terminal Boxes
- (m) XS Non Factory Sealed or FXS Factory Sealed Switch
- (n) XMSW, XSD, XSX, Non-Factory Sealed or FXSD, FXSX Factory Sealed Manual Motor Starting Switches
- (o) EZ, EML, EBF, EMM, EMS, or EMH Series LED, Fluorescent, or H.I.D. Lighting Fixture
- (p) HFX Series Fluorescent Lighting Fixture
- (q) XFH, HXB, JL, or JAL Series Fixture Hangers
- (r) MC Type Metal Clad Cable Installation

N.E.C. References

1. 501.15 (E)(1). Cables entering enclosures that are required to be explosionproof shall be sealed at the point of entrance.
2. 501.10 (c). MC-HL cable shall be terminated with fittings listed for the application. The fittings connected to these enclosures are not required to be sealed.
3. 501.115(B) Switches, Circuit Breakers, Motor Controllers, and Fuses. (A) Class I, Division 1. Circuit Breakers, Manual Motor Starters, Magnetic Motor Starters, Disconnect Switches and similar devices shall be inside enclosures identified to be a complete assembly for use in Class I Locations. According to Exception 501.15(A)(1)(1) Seals shall not be required for cable entering an enclosure where the switches are inside a factory sealed enclosure.
4. 501.130 (A)(1). These Luminaires are listed for Class I, Division 1 and therefore are suitable for Class I, Division 2.
5. 501.10(B)(4) All boxes and fittings are not required to be explosionproof. 501.130.(B)(3) Pendant Luminaires. Shall be supported by approved means.
6. 501.115(B)(1)(3) Switches and similar devices shall be inside enclosures identified for Class I, Division 1 unless the interruption of current occurs within a factory sealed explosionproof enclosure as these devices are.
7. 501.10 (4) Boxes and Fittings are not required to be explosion-proof unless they are requires by 501.105(B)(1), 501.115(B)(1) or 501.150(B)(1). The terminals inside these enclosures do not meet these requirements.
8. 501.125(B) Motors must be identified for Class I, Division 2, or non-explosionproof motors such as squirrel-cage induction motors without brushes , switching mechanisms, or similar arc-producing devices that are not identified for use in Class I, Division 2 shall be permitted.