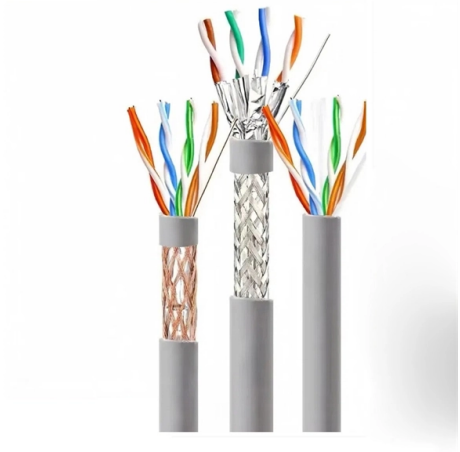
High-density wire take-up and release frame explosion-proof type in stock



Overview

ASM/ADM series offers superior wire take-up for a variety of materials, producing pattern-laid coils for enhanced performance.

Key Takeaways

Explosion-proof high-density wire take-up and release frames are available from specialized hazardous location equipment suppliers, designed to meet ATEX, IECEx, and NEC standards.

Supplier Options and Product Overview

Douglas Electrical Components offers high-density explosion-proof feedthroughs and wire seals suitable for hazardous locations. Their products are engineered with epoxy technology to provide mechanical hermetic sealing and reliable process sealing in pressurized or vacuum environments, making them adaptable for wire take-up and release applications in chemical, cryogenic, or LNG systems. Custom designs are available to meet specific temperature, pressure, and density requirements.

Warom Technology manufactures a wide range of explosion-proof electrical equipment, including cable connectors, control equipment, and distribution boxes. Their products comply with IEC, ATEX, and IECEx standards and are widely used in petroleum, chemical, marine, and mining industries. While primarily focused on connectors and enclosures, Warom can provide solutions for high-density wiring setups in hazardous areas.

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Killark (Hubbell) provides hazardous location wiring devices such as pin-and-sleeve connectors, blade-style connectors, and GFCI-protected devices. These products are designed for harsh environments and meet NEC and IEC standards, which can support high-density wiring configurations in explosion-proof applications.

AB

B offers a global range of explosion-protective components, including cable glands and lighting systems approved for ATEX, IECEx, UL, and CSA standards. Their products are suitable for integration into high-density wiring frames in hazardous locations.

Key Considerations

Compliance: Ensure the frame and associated components meet ATEX, IECEx, or NEC hazardous location standards. Material and Sealing: Epoxy or aluminum enclosures provide durable, hermetic sealing to prevent sparks or ignition. Customization: Many suppliers offer custom high-density configurations to accommodate specific wire counts, diameters, and environmental conditions.

Application: Suitable for chemical plants, petroleum facilities, mining operations, and marine engineering, where explosion-proof safety is critical. For immediate availability, contacting suppliers like Douglas Electrical or Warom Technology directly is recommended, as they can confirm in-stock high-density wire take-up and release frames and provide technical specifications for your hazardous location requirements.

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