

Article Overview

Electrical distribution boxes for cold storage in Slovenia are available from specialized suppliers like IDE Electric, designed to meet industrial standards and integrate with temperature-controlled storage systems.

Cold Storage Requirements

Cold storage facilities in Slovenia can range from portable ISO containers to large industrial warehouses, with temperature ranges from +60°C to -70°C depending on the application, including food preservation, pharmaceuticals, and R&D testing . These facilities often require fully electric operation, with optional diesel generator backup and advanced temperature management systems for precise control . The electrical distribution system must support refrigeration units, chillers, fancoils, and other auxiliary equipment while ensuring safety and reliability.

Electrical Distribution Boxes

For cold storage, electrical distribution boxes (also called electrical cabinets or enclosures) are essential for housing switchgear, control gear, and other electrical components. IDE Electric provides metal and polyester enclosures suitable for industrial applications, including machine tool and automation system control . Key features include:

- o Protection ratings: IP44, IP54, and IP67 for dust and moisture resistance, critical in cold storage environments .
- o Voltage and current range: 24-500 V and 10-125 A, accommodating various refrigeration and control systems .
- o Materials: High-durability cold-rolled steel and halogen-free plastics for safety and longevity .
- o Customization: Cabinets can be configured with distribution blocks, busbar supports, and temperature control appliances to ensure proper operation in low-temperature conditions .

Local Suppliers and Integration

Slovenia has multiple refrigeration and cold storage equipment suppliers, such as Machinesequipments, which can provide integrated solutions including electrical distribution systems . Additionally, the Slovenian supplier database lists over 7,000 exporters, allowing you to identify local manufacturers and distributors for both cold storage units and electrical enclosures . When selecting a distribution box for cold storage, ensure it is compatible with the facility's temperature range, supports the required electrical load, and complies with Slovenian electrical standards. Integration with remote monitoring and control systems is recommended for operational efficiency and safety.

Summary

In Slovenia, cold storage electrical distribution boxes are available from specialized manufacturers like IDE Electric, and can be paired with cold storage units from suppliers such as Trane Slovenia. Key considerations include IP protection, voltage and current ratings, material durability, and compatibility with refrigeration systems. Local supplier databases provide access to additional manufacturers and exporters for tailored solutions .

Seznam dobaviteljev in distributerjev elektrike Seznam dobaviteljev elektrike (pdf; 271.91 KB) - Objavljeno: 18. 12.

We make distribution and control box after project documentation and use only high-quality and certified materials.

Find the top Power Distribution suppliers & manufacturers in Slovenia from a list including ENVEA Our company is among the largest

technical-regulation-information-system.ec.europa.eu

From decentralized energy, signal and data distribution to distribution boxes for smart buildings, we offer

Are you looking for information on energy storage regulation in Slovenia? This CMS Expert Guide provides you with

Check your need for a power plug (travel) adapter in Slovenia. The power sockets in Slovenia are of type F. The standard voltage is

Basic information The ELES Company ensures the safe, reliable and uninterrupted transmission of electricity. ELES is the guardian

Everything you need to know about Slovenia power outlets, plugs for Slovenia, power adapters, voltage, and frequency when

Custom cryogenic cold box & distribution systems engineered for facilities worldwide. Reliability at

Slovenian transmission network The Slovenian transmission network is owned and operated by the electricity TSO, the

Key takeaway Elektro energija d.o.o. is a prominent electricity supplier in Slovenia, focusing on electric power generation,

Cable Management Products for Any Environment Elba is the leading Slovenian manufacturer and distributor of products for

The electronics industry in Slovenia features companies with essential components for e-mobility, smart grids, smart homes and

What is the plug for Slovenia? Understand the electrical outlets, their types, voltage, and figure out if you

In conclusion, cold room wiring diagrams are essential tools for installing, maintaining, and

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