Egypt High and Low Voltage Tubular Busbar Plant



Overview

Busway Schneider Electric Egypt. Discover our range of products in Busway: I-LINE II B,I Line II,Canalis KN,Canalis KS,Canalis KT. Top 38 Busbar Manufactur.

Key Takeaways

Egypt hosts several specialized manufacturers of high and low voltage tubular busbar systems, including Lectrobar and Q-Bar, offering type-tested, IEC-compliant solutions for industrial and commercial power distribution.

Key Manufacturers and Capabilities

Lectrobar is a leading Egyptian manufacturer of busduct and busbar systems, operating since 1975. They provide fully type-tested busduct systems in compliance with IEC 61439-6, certified by DEKRA, and offer a wide range of indoor and outdoor solutions, including IP54, IP55, IP65, and IP68 enclosures. Their facilities in Egypt and the Gulf region support in-house engineering, CNC manufacturing, and rigorous quality control, ensuring reliable performance for both low and medium voltage applications.

Q-



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Bar operates from Sadat City and specializes in compact sandwich busbars (630A–10,000A), IP68 hybrid systems, and air-insulated trunking. Their products are engineered, type-tested, and delivered locally, catering to high-demand industrial and commercial projects. Other notable Egyptian companies include BETA Electric, PTP Energy Solutions, and TRUST for Power and Automation Services, which provide low and medium voltage switchgear, busways, and associated components.

These companies focus on compliance with international standards, quality control, and eco-friendly power distribution solutions.

Product Types and Applications

Low Voltage (LV) Busbars: Used in distribution boards, MCCs, and PCCs for residential, commercial, and industrial applications. Medium Voltage (MV) Busbars: Integrated into RMUs, metal-clad panels, and air-insulated switchgear for industrial and utility-scale power distribution. Tubular and Sandwich Busbars: Designed for high current capacity, minimal power loss, and enhanced safety.

IP-Rated Enclosures: Indoor and outdoor protection against dust, water, and fire hazards.

Standards and Certifications

Egyptian busbar plants emphasize IEC compliance, particularly IEC 61439-6, and certifications from DEKRA/KEMA KEUR. Type testing ensures safety, reliability, and long-term operational efficiency. Many manufacturers also provide custom-built panels and digital monitoring upgrades for modern power distribution systems.

Considerations for Selection

When selecting a busbar plant or supplier in Egypt, consider: Voltage rating and current capacity (LV vs MV)Type testing and international certificationsCustomization options for industrial or commercial projectsLocal manufacturing capabilities and after-sales supportCompliance with environmental and safety standards Egypt's growing infrastructure and energy projects create opportunities for high-quality busbar systems, with local manufacturers offering competitive solutions for both domestic and regional markets.

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Article Content

Lectrobar | Reliable Power Distribution. Engineered In

Lectrobar Group operates state-of-the-art manufacturing facilities across Egypt and the Gulf region, delivering fully type-tested busduct and power distribution

Q-Bar | Power Busbar Systems Manufacturer — Egypt

Q-Bar is Egypt''s pioneer busbar manufacturer. Compact sandwich busbars (630A–10,000A), IP68 hybrid systems, and air-insulated trunking — engineered, type-tested, and delivered from our Sadat City

Products

Bahra Electric produces high-quality PVC & uPVC Conduits and Fittings in its state-of-the-art plant, which has an annual output capacity of over 36,000 tons to

BUSWAY | 2M Electric Egypt Company

2m company develops power transmission solutions for low voltage busway trunking system, with advanced designs to give highly efficient results in terms of prices that suit all specifications without

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The company started manufacturing electrical panels and manufacturing its first busbar products. The company has worked on a multitude of different projects across numerous sectors.

BARDUCT Electrical Solutions

BARDUCT has been established its name as one of the Market leading and Innovative busbar / busway / busduct systems and its services with most innovative designs and continuous R&D in the sake...

Busbars and Wiring Systems | Schneider Electric Egypt

Busbars and Wiring Systems, offered by Schneider Electric, are innovative solutions designed to streamline power distribution in various applications. Benefits: Enhanced Efficiency: Busbars provide

AETRONIX EGYPT | busbar

An e-commerce site of Arab Engineers Co. Ltd., the leading distributor of Electronics, Electrical, Test & Measurement, Tools & Mechanical Components in Saudi Arabia and Egypt.

Egypt Launches Local Production Line for High-Voltage Power Tower

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Egypt''s AOI inaugurates high-voltage power tower production line with 15,000-ton capacity supporting renewable energy goals and “Made in Egypt” industrialization strategy.

Types of busbars (solid, stranded, and tubular) in context of busbar ...

In conclusion, solid, stranded, and tubular busbars are three common configurations used in electrical distribution systems. Each configuration has its own strengths and weaknesses,

Busbars and Connectors in HV and EHV installations

Insulated Busbars & Trunking Systems In indoors MV and LV installations, namely with high currents and space available is low, busbars may be surrounded by

Aluminium Busbars and Tubular Conductors | Hydro

Switchgear and distribution boards: Busbars are used to distribute power safely and efficiently inside switchgear, cabinets and distribution boards. Panel building and low-voltage assemblies: Aluminium

Busbar Trunking Systems

Busbar trunking systems SIVACON 8PS ensure the safe and cost-efficient flow of power in all kinds of applications. Altogether, six different systems offer everything for optimum power

Siemens Expands Upon Partnership with Electro George, Bringing Sta ...

Siemens Expands Upon Partnership with Electro George, Bringing State-of-the-Art Low Voltage Solutions to Egypt Siemens, a global leader in industrial automation and digitalization, is

The Electrical Egyptian Engineering Company (3E) | Products

Busbar Products Busbar Trunking is a prefabricated, modular system, designed to transmit and distribute electricity. General construction is of, insulated aluminum or copper conductors which

Explained: High Voltage Tubular Busbar Standards, Composition, and ...

A high-voltage tubular busbar is a critical component in electrical power distribution systems, especially in high-capacity environments such as electric substations, industrial plants, and

Business Documentation (DBD)

1. Purpose The purpose of this document is to detail the requirements of Northern Powergrid in relation to the tubular busbar systems and associated fittings detailed within this document.

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MV SWITCHGEAR | 2M Electric Egypt Company

The Power Xpert UX platform has three high-voltage compartmentsseparated by earthed metal barriers, providing the highest loss ofservice continuity classication LSC2B and partition class PM.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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