



POWER BUSBAR PRODUCT MANUAL

动力母线产品手册

安全

环保

高效

节能

腾霖电气（山东）有限公司

Tenglin Electric (Shandong) Co., Ltd.

COMOANY PROFILE

公司介绍

STRIVE FOR EXCELLENCE; QUALITY FIRST

精益求精 品质至上

Tenglin Electric (Shandong) Co., Ltd. was founded in 2015 with a registered capital of 15 million yuan. With electrical technology as its core, the company focuses on the R&D, production and sales of products such as power busbars, trolley lines (slip ring lines) and bus ducts. Currently, the company has 76 employees, including 3 senior engineers, 16 engineering and management personnel, and nearly 20 sales staff, and has obtained nearly 20 patents.

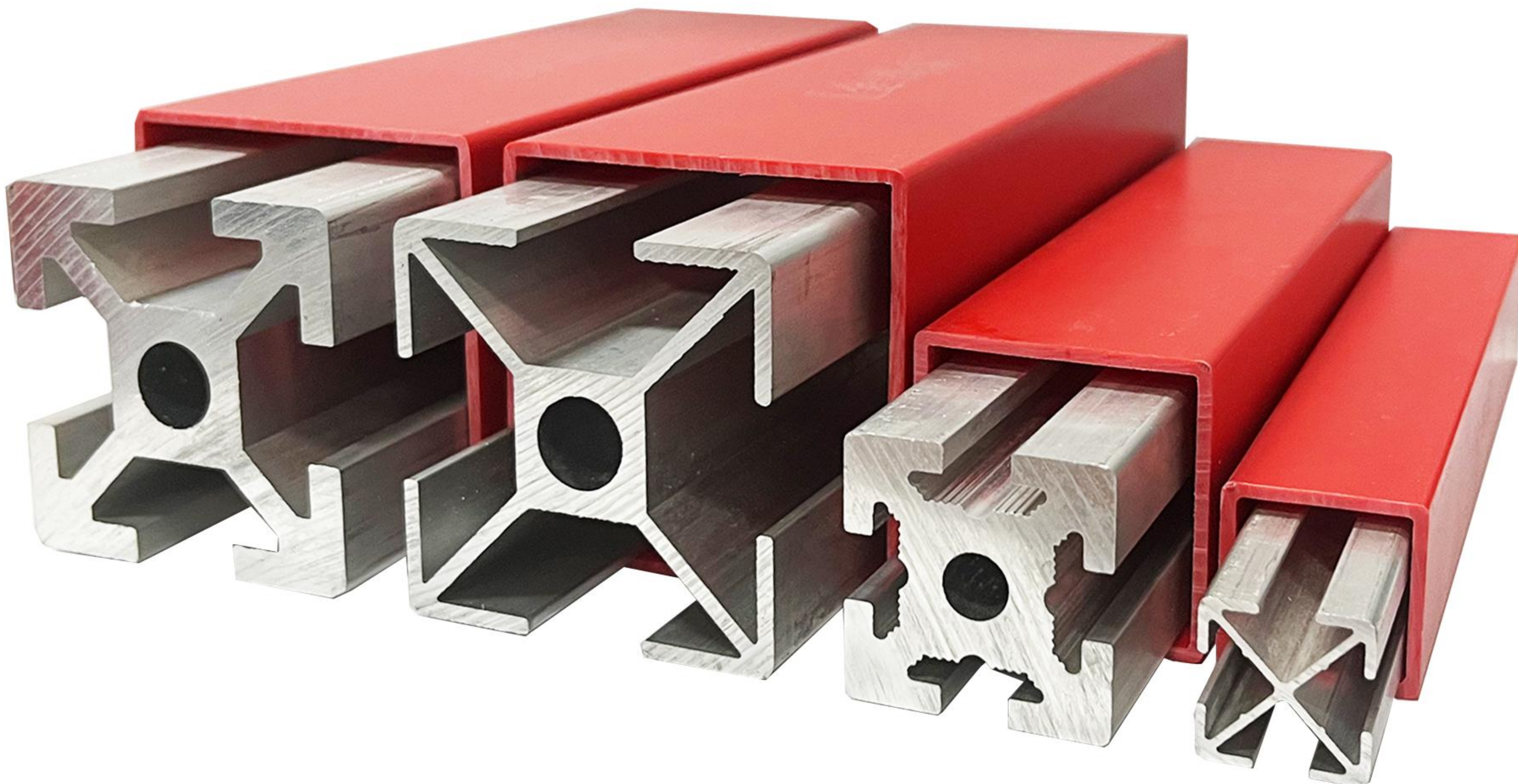
The company's flagship products, the "Jintenglin" series of trolley lines (slip ring lines) and power busbars, are designed and manufactured with optimized improvements. They adopt French technology and are tailored to the actual conditions of China's industrial enterprises. These products comply with the standards of 《JB/T6391.1~92》 and 《JB/T6391.2~92》, and have obtained ISO9001:2000 quality management system certification.

Through joint R&D with Southeast University, the company's products utilize new materials, implement advanced production processes, and are manufactured with sophisticated molds and specialized equipment. As a result, the "Jintenglin" brand trolley lines and power busbars outperform domestic counterparts in electrical and mechanical performance, featuring excellent temperature resistance, corrosion resistance, aging resistance, and a long service life. With a high cost-performance ratio, they are widely used in fields such as automobile manufacturing, metallurgy, petrochemicals, hoisting machinery, power plants, automated production lines, light industry, shipbuilding, warehousing, and amusement venues.



Power busbar

动力母线



动力母线是一种用于高效输送大电流的配电装置，由高导电率的材质（铜/铝）、绝缘材料及附件组成，替代传统电缆，实现降本增效、灵活、高载流的电力分配。

腾霖电气动力母线结构创新，中部空心设计助于导体散热。模块化设计，结构紧凑、占用空间小，很好的适应产线调整或设备扩容。外壳采用阻燃绝缘材料，耐高温且自熄，安全性能好。

Power busbar is a distribution device used for efficient transmission of high current, composed of high conductivity materials (copper/aluminum), insulation materials, and accessories, replacing traditional cables to achieve cost reduction, efficiency improvement, flexibility, and high current carrying power distribution.

Tenglin Electric's power busbar structure innovation, with a hollow design in the middle to facilitate conductor heat dissipation. Modular design, compact structure, small footprint, well adapted to production line adjustments or equipment expansion. The shell is made of flame-retardant insulation material, which is heat-resistant and self extinguishing, with good safety performance.

Technical Specifications

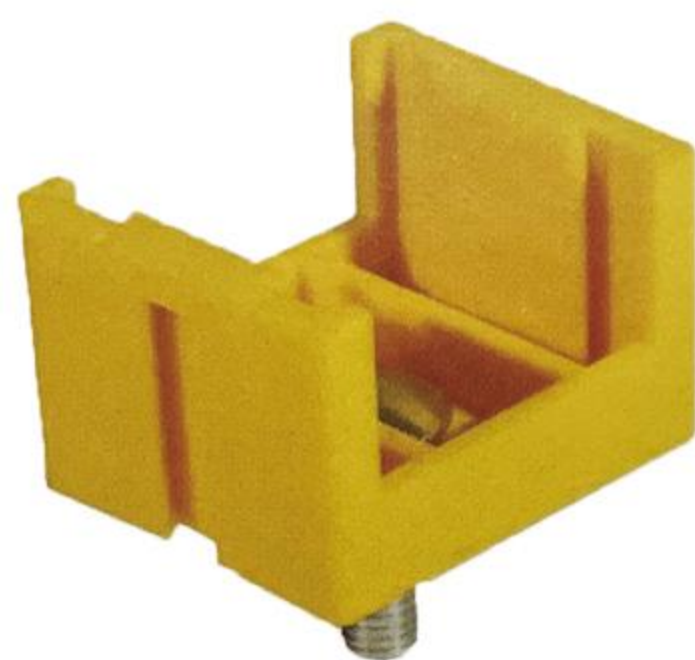
技术参数

技术参数 Technical Specifications	
产品执行标准/Product Execution Standard	GB7251.6-2015、JB8511-2011
额定电压/Rated Voltage	AC:660V; DC:1000V
额定电流/Rated Current	200A~6300A
绝缘介电强度/ Insulation Dielectric Strength	工频交流 3000V, 1min 无闪络/Power frequency AC 3000V, 1min no flashover
短时耐压电流/Short-time Withstand Current	20 倍额定电流 1s/20 times rated current for 1s
防护等级/Protection Grade	IP54
安装海拔高度/Installation Altitude	≤2000m

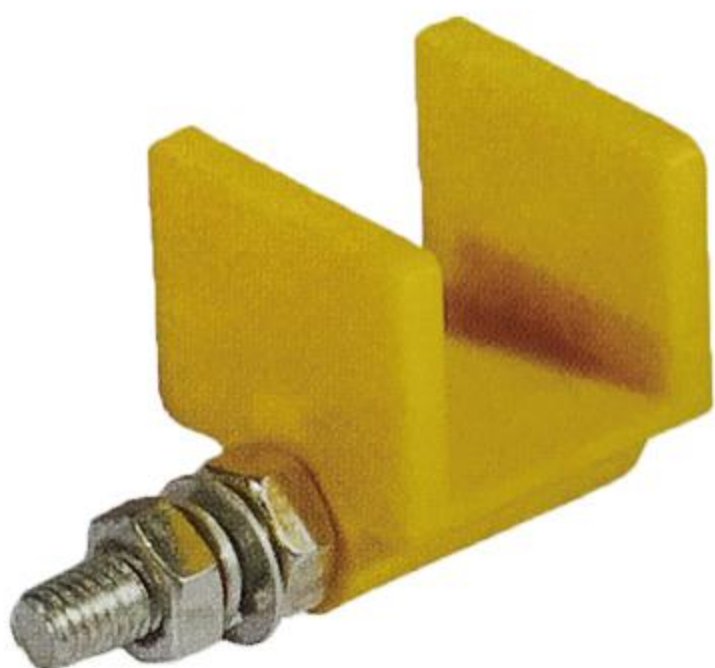
产品型号 Product Model	额定电流A Rated current(A)	平方数mm ² Square number	相间距mm Square number	阻燃性 Flame retardancy	绝缘体材料 Insulating material
TLMX-160A	400A	100	≥110	UL94V0	PVC-SG-5
TLMX-200A	500A	125	≥110	UL94V0	PVC-SG-5
TLMX-250A	650A	160	≥110	UL94V0	PVC-SG-5
TLMX-320A	320A	200	≥100	UL94V0	PVC-SG-5
TLMX-400A	400A	250	≥110	UL94V0	PVC-SG-5
TLMX-500A	500A	310	≥110	UL94V0	PVC-SG-5
TLMX-650A	650A	400	≥110	UL94V0	PVC-SG-5
TLMX-800A	800A	500	≥110	UL94V0	PVC-SG-5
TLMX-1000A	1000A	650	≥130	UL94V0	PVC-SG-5
TLMX-1250A	1250A	800	≥130	UL94V0	PVC-SG-5
TLMX-1600A	1600A	1050	≥130	UL94V0	PVC-SG-5
TLMX-2000A	2000A	1300	≥130	UL94V0	PVC-SG-5
TLMX-2500A	2500A	1650	≥200	UL94V0	PVC-SG-5
TLMX-3000A	3000A	2000	≥200	UL94V0	PVC-SG-5
TLMX-3500A	3500A	2350	≥200	UL94V0	PVC-SG-5
TLMX-4000A	4000A	2800	≥200	UL94V0	PVC-SG-5
TLMX-5000A	5000A	3350	≥200	UL94V0	PVC-SG-5

Installation method

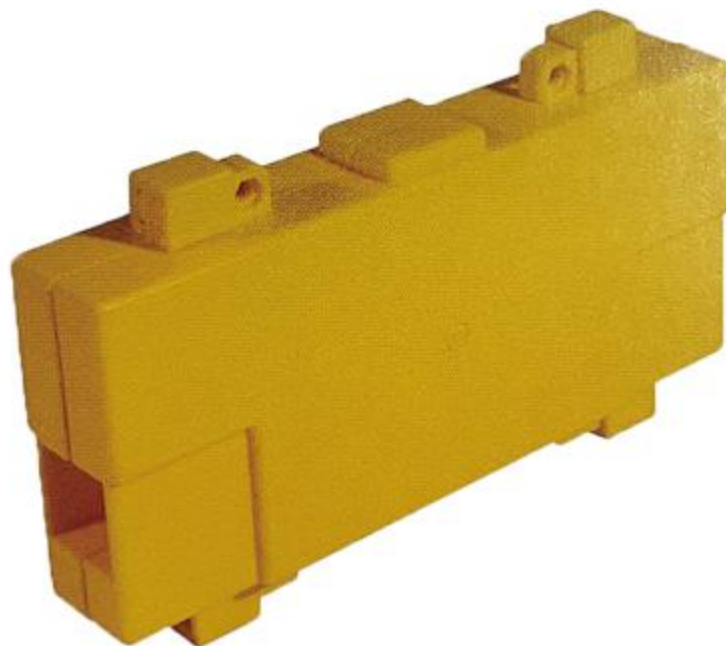
安装方式



平托/Flat Bracket



侧托/Side Bracket



连接护盒
Connection Protection Box



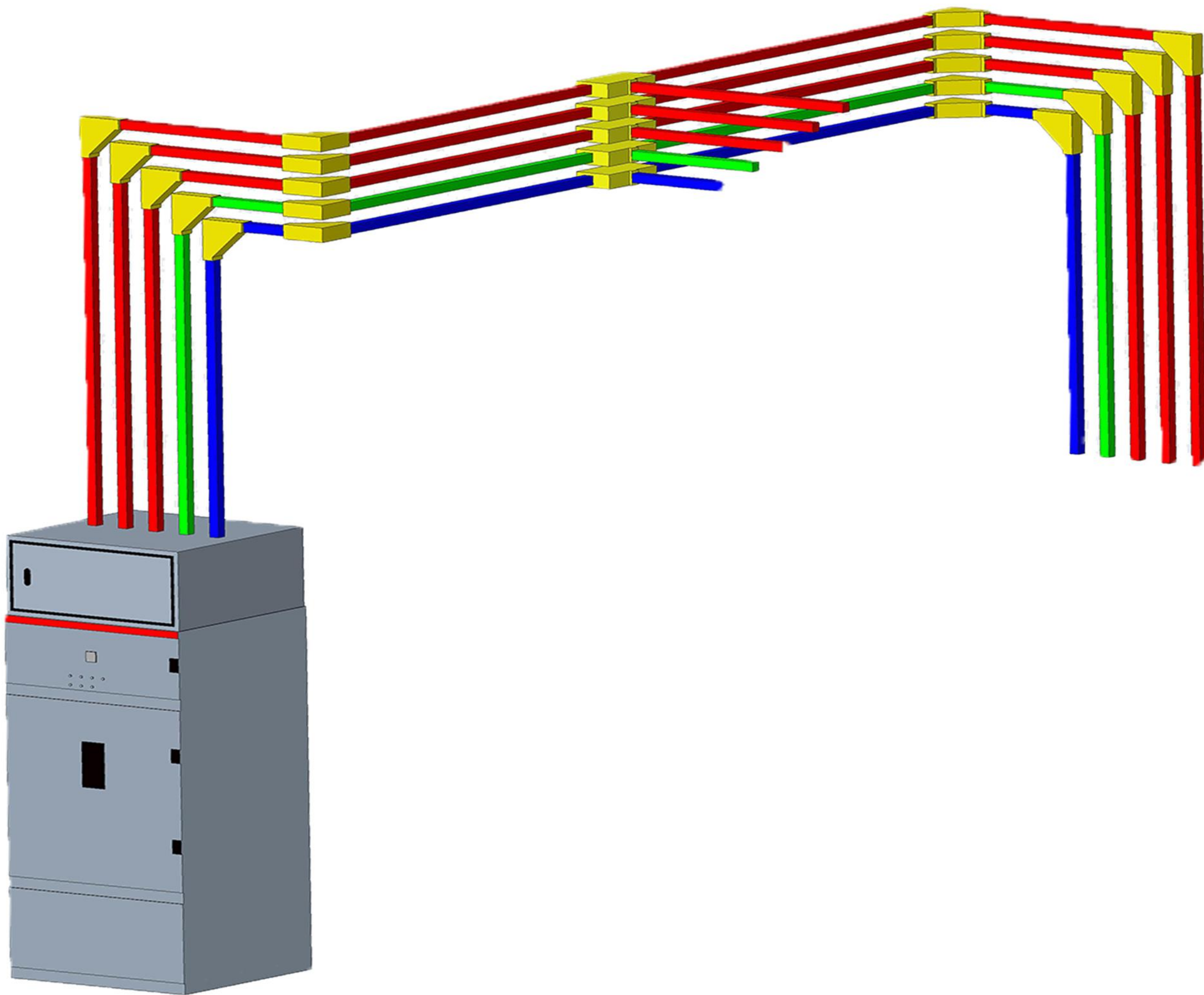
弯通连接护盒
Elbow Connection Protection Box



三通铝接头
Aluminum Tee Connector



弯通铝接头
Aluminum Elbow Connector

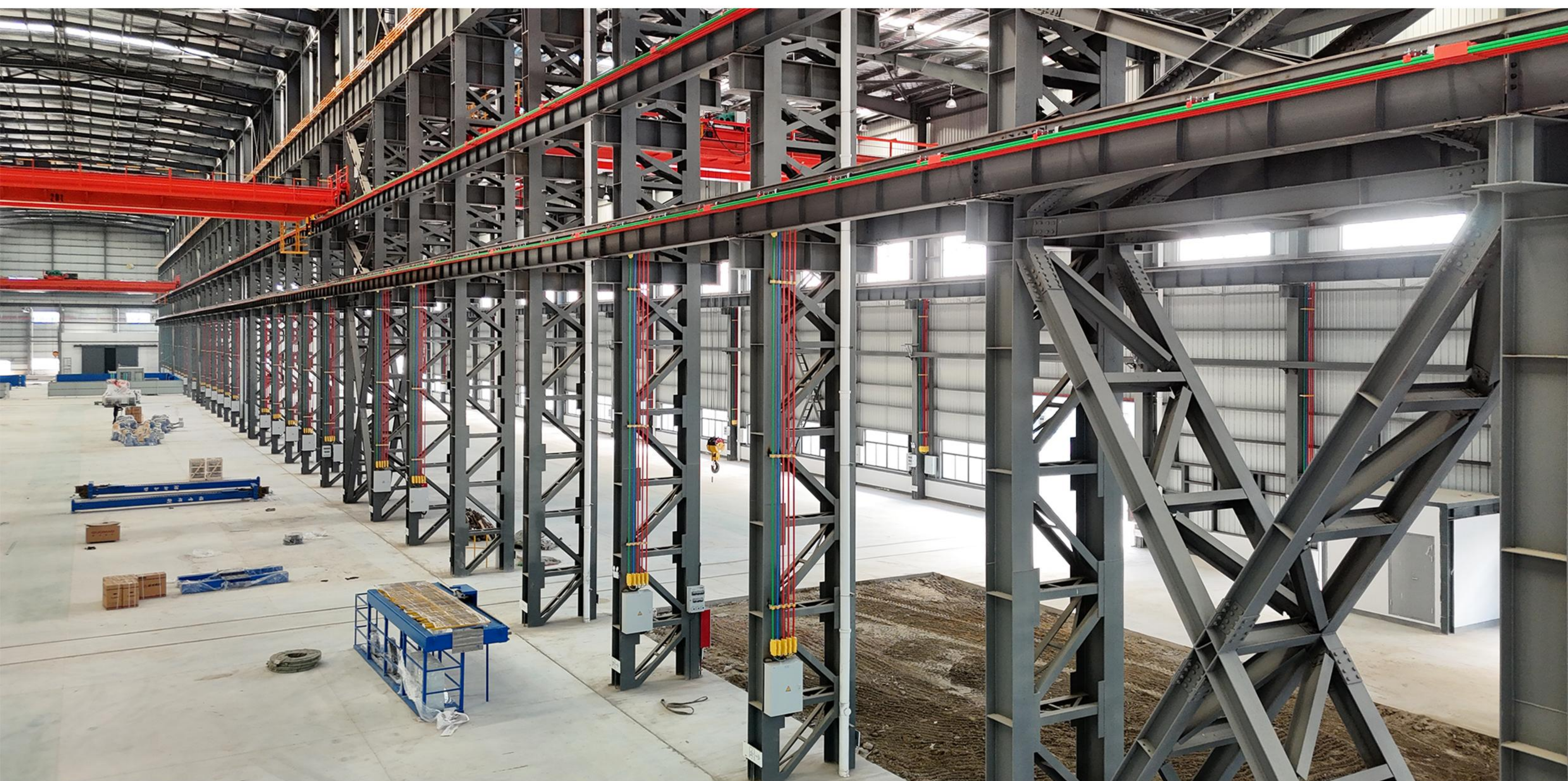


Engineering Case
工程案例



Engineering Case

工程案例





Tenglin Electric

Scan to follow us



TENGLIN ELECTRIC (SHANDONG) CO., LTD

Address: Intersection of Zhaode Road and Rongli Street,
Economic Development Zone, Qingzhou , Shandong

Phone: 0536-2132613

Website: <http://www.tenglindianqi.com/>