



西朗电气工业集团有限公司
Cylon Electric Industry Group Co., Ltd

高低压·母线槽系列产品手册

High and Low Voltage · Busway System Product Manual



西朗电气工业集团有限公司
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工业西朗为工业安全 CYLON for industrial safety
全球工业输配电首选品牌 The world's first choice of industrial power transmission
安全 节能 高效 经济 Safe Energy Conservation Efficient Economy
信任 专业 细节 迅速 Trust Expertise Swift Attention

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始于 1999
Since 1999

CYTHON GROUP

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ABOUT CYLON GROUP

关于西朗



西朗集团成立于1999年，是一家专业集电气设计、研发、生产、销售服务于一体的现代化高新技术企业。公司自创建以来始终坚持“诚信、创新、品质”为企业立业宗旨，以“技术+服务”为立业之根本。

CYLON Group was founded in 1999 and is a modern high-tech enterprise specializing in integrating electrical design, R&D, manufacturing, sales, and service under one platform. Since its establishment, the company has always adhered to the principles of "Integrity, Innovation, and Quality" as its founding mission and regards "Technology + Service" as the core foundation of its business.



西朗集团始终致力于科技创新和管理升级，成功构建涵盖质量、环境、职业健康、安全的标准化管理体系。同时通过CQC产品安全认证及CCC国家强制性产品认证，形成覆盖全流程的标准化认证体系。

CYLON Group has been committed to scientific and technological innovation and management upgrades, successfully establishing a standardized management system covering quality, environment, occupational health, and safety. Additionally, it has obtained certifications such as CQC (China Quality Certification Center) product safety certification and CCC (China Compulsory Certification) national mandatory product certification, forming a comprehensive standardized certification system covering the entire process.



西朗集团拥有多项电气工业产品及技术的专业生产许可。凭借先进技术、卓越品质与完善服务，我们立足于电气行业，并致力于将西朗打造为输配电领域的国际一线品牌。

CYLON Group holds multiple professional production licenses for electrical industrial products and technologies. Leveraging advanced technology, superior quality, and comprehensive services, we have established a strong position in the electrical industry and are committed to positioning Xilang as a world-class brand in the power transmission and distribution sector.

西朗集团 服务全球

SERVING THE WORLD



1999

西朗成立
5 Subsidiaries

60+

服务国家和地区
+60 Serving national
and regional areas

100+

专业技术人员
+100 Professional
technical personnel

30000+

累计服务客户
+30000 cumulative
customers

国内市场
服务全国
RADIATING
THE WHOLE COUNTRY



9
分公司
9 Subsidiaries

30
销售办事处
+30 Sales Offices

8
技术服务网点
8 Technical Service Outlets

12
物流公司
12 Logistics companies

CUSTOMERS

全国众多知名企业的选择



比 亚 迪



爱 旭 科 技



京 东 方



浪 潮 信 息



润 泽 科 技



中 国 一 汽
FAW GROUP



中 国 联 通



零 跑 汽 车



欣 旺 达



海 康 威 视



协 鑫



英 维 克



中 国 建 研



中 国 电 子
CHINA ELECTRONICS



中 国 五 矿

Pursuit Of Perfection Pursuit Of Excellence Implement Lean Productivity
追求完美 追求卓越 实施精益生产



企业愿景

Enterprise vision

助力节能绿色的先行者

A pioneer in energy conservation and green development

企业价值观

Enterprise values

安全 高效 节能 经济

Safe, Efficient, Energy-saving , Economic

企业使命

Corporate mission

推动电力创优, 构建电力互联网

Promote the excellence of electric power and build the electric power internet

企业标语

Enterprise slogan

工业西朗为工业安全

Industrial Cylon for industrial safety

服务体系 解决方案

SERVICE SYSTEM SOLUTION

30人+
项目执行团队
+30 Member Project Execution Team

130人+
安装施工团队
+130 Installation And Construction

60辆+
全国物流车辆
+60 National Logistics Vehicles

AUTO CAD
● 施工图深化
Construction Detailing

● 下单排产
Place an order
Production schedule

● 产品生产
Product Production

● 项目启动
Project Initiation

● 方案设计
Design Planning

● 现场勘察
On-site survey



下单排产

Place an order

Production schedule



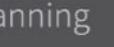
产品生产

Product Production



项目启动

Project Initiation



方案设计

Design Planning



现场勘察

On-site survey

● 售后服务
After-sales Service Planning

● 验收交付
Delivery Acceptance

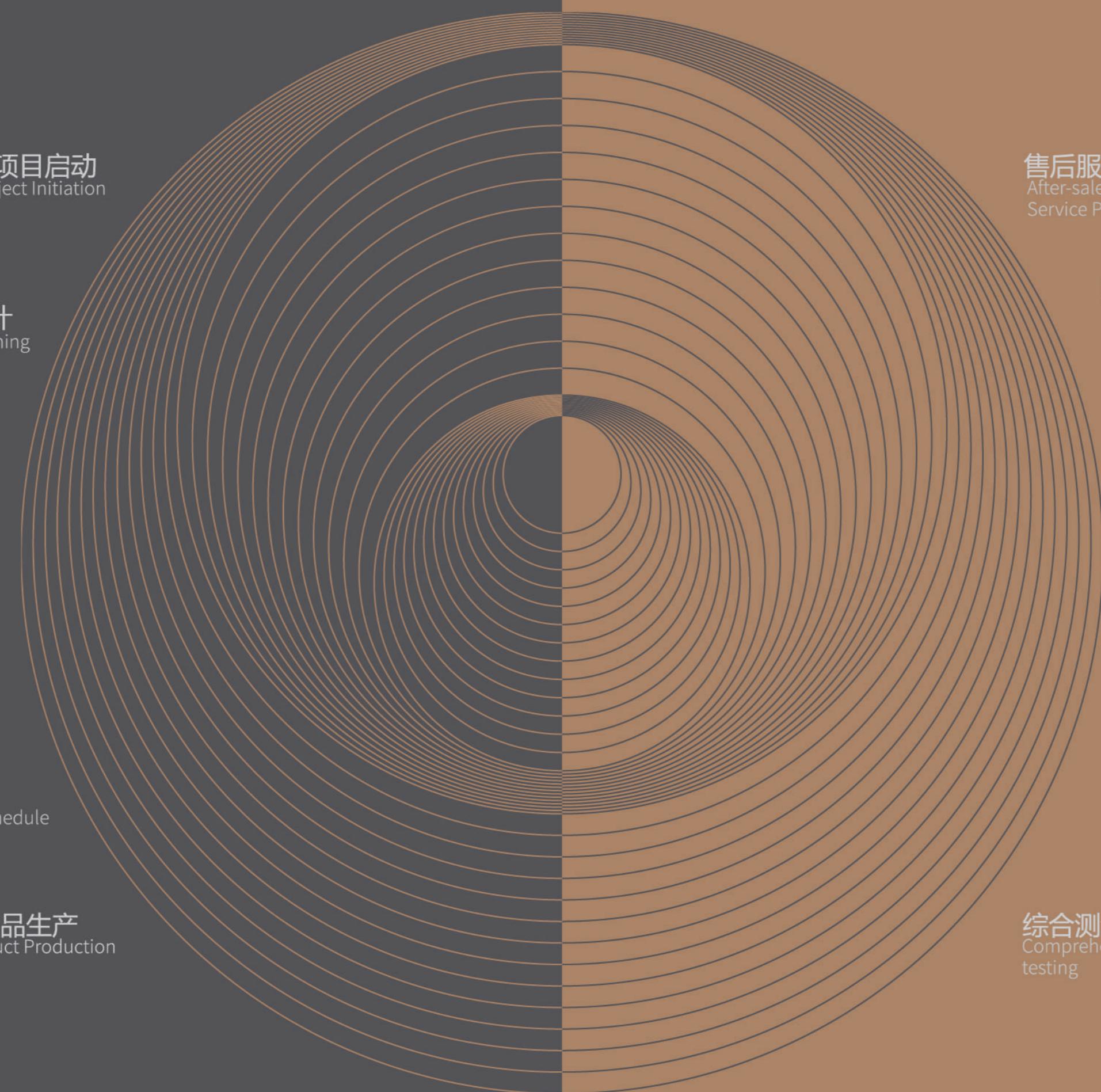
● 通电前测试
Pre-electrification testing

● 预留连接措施
Contingency link Measures

● 现场技术支持及安装指导
On-site technical support & Installation service

● 专车运输
Special vehicle transportation

● 综合测试
Comprehensive testing

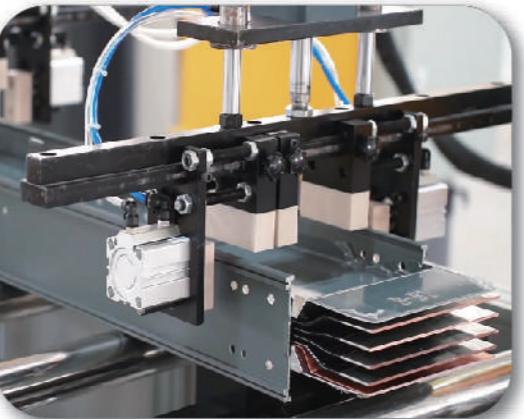


技术优势 先进工艺

TECHNICAL ADVANTAGES ADVANCED TECHNOLOGY

质量把控 项目管理

QUALITY CONTROL PROJECT MANAGEMENT



领先的技术优势

Leading Technical Advantages

国际合作研发经验
International Collaborative R&D expertise
安全节能设计理念
Safety & energy-efficient design
绿色技术发展引领
Green technology leadership
中法双研发中心协同
China-France R&D synergy

先进的制造工艺

Advanced Manufacturing

全自动智能生产线
Fully automated production
绿色技术高效应用
Eco-tech application
制造工艺持续创新
Continuous innovation in manufacturing processes
全流程质量可靠性保障
End-to-end reliability

精益的生产管理

Lean Production Management

现场6S管理
6S Site Control
智能管控与标准流程双向驱动
Smart Governance & Standard Processes Dual-Driven
严控微尘、规范操作
Strict Particulate Control | Standardized Operations
保障品质升级
Ensuring Quality Evolution

全面的项目管理

Comprehensive project management

全周期工程管理服务
Full-cycle engineering services
定制化解决方案设计
Customized solutions
专业安装售后团队
Professional Installation & After-Sales Team
透明化物料追溯系统
Material tracking transparent system

严格的质量控制

Strict quality management

智能化质控体系
Smart QC system
双重检测把关
Dual-Check Safeguard System
100%出厂合规认证
100% compliance certification
持续改进质量指标
Continuous quality improvement

卓越的专业团队

Excellent professional team

精锐创新，技术领航
Innovation-Driven Excellence | Technology Leadership
提供24小时待命服务
Provide 24/7 standby service
高效4小时复命响应
4-Hour Guaranteed Response
专业定制化解决方案
Tailored Professional Solutions

CY-S系智能型母线槽

CY-S Intelligent Small Busway System

智能分配&灵活需求

精密系统、网络监控、数字配电技术

Intelligent allocation and Flexible demand

Precision systems. Network monitoring. Digital power distribution technology



产品特点

绝缘保护壳

Insulation sheath

阻燃及玻纤增强 PC(聚碳酸酯)挤塑型材;
绝缘等级 B 级, 耐温 130°C 以上;
阻燃级别 VO, 不含卤化物, 高温及火灾状态无有害气体产生.
Flame retardant and glass reinforced PC (polycarbonate) extruded profiles.
Insulation class B, with temperature resistance above 130°C;
Flame retardant grade VO, halide-free, toxic gases-free under hightemperature or fire environment.



母线导体

Busbar conductor

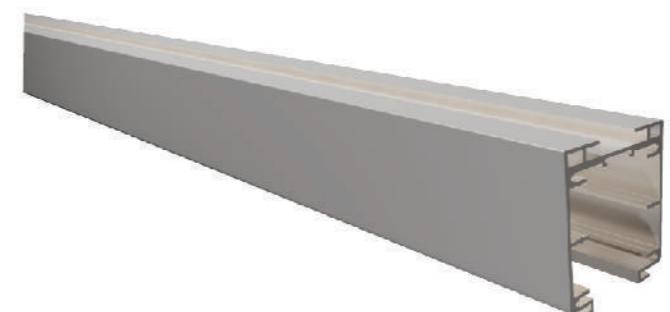
高纯度无氧电工用铜排, 纯度>99.98%;
电阻率≤0.0177x10-6Ωm, IACS导电率>97%;
表面整体镀锡或镀银处理.
High-purity oxygen-free electrical copper busbar, with a purity >99.98%;
Electrical resistivity ≤0.0177×10⁻⁶Ω·m, IACS conductivity >97%;
Surface overall tin-plated or silver-plated treatment



母线外壳

Busway housing

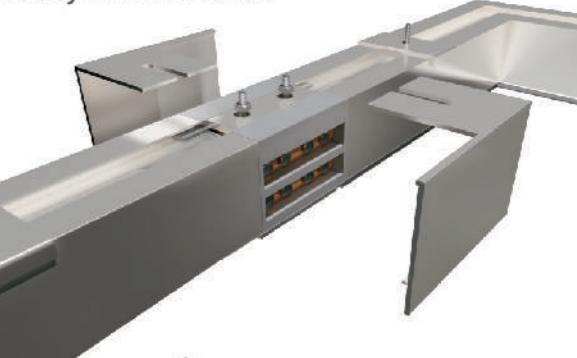
6063(T5)铝镁合金型材, 厚度≥2.5mm, 布氏硬度≥60HB;
可根据客户需求, 表面阳极氧化或静电喷涂处理;
外形美观、机械强度高、散热快、抗氧化能力强(盐雾试验1800h).



连接器

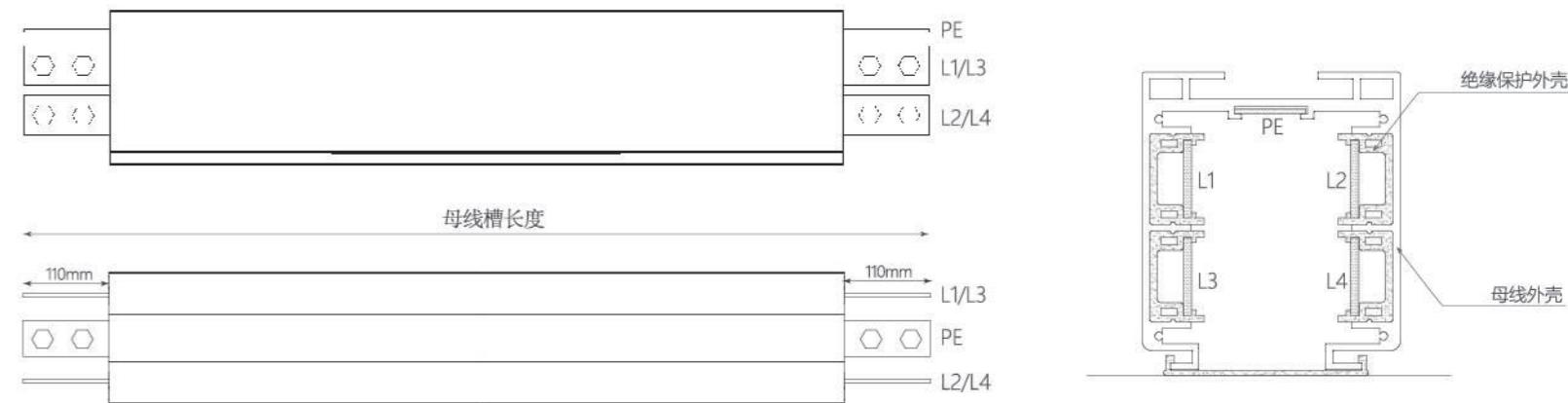
Joint pack

铝合金型材配合工程塑料, 精致美观;
高强铝合金型材连接板保证段间可靠机械连接的同时, 确保外壳的电气连续性;
无需专用工具, 力矩扳手即可完成连接;
导体连接直观可靠, 方便检修.
The appearance parts are made of aluminum alloy profiles and engineering plastics, which are exquisite and aesthetic;
Connecting plates made of high-strength aluminum alloy ensure reliable mechanical connection and electrical continuity of enclosures;
Connection can be completed only by torque wrench, without any special tools;
The connection of conductors are intuitive and reliable, also easy for maintenance.



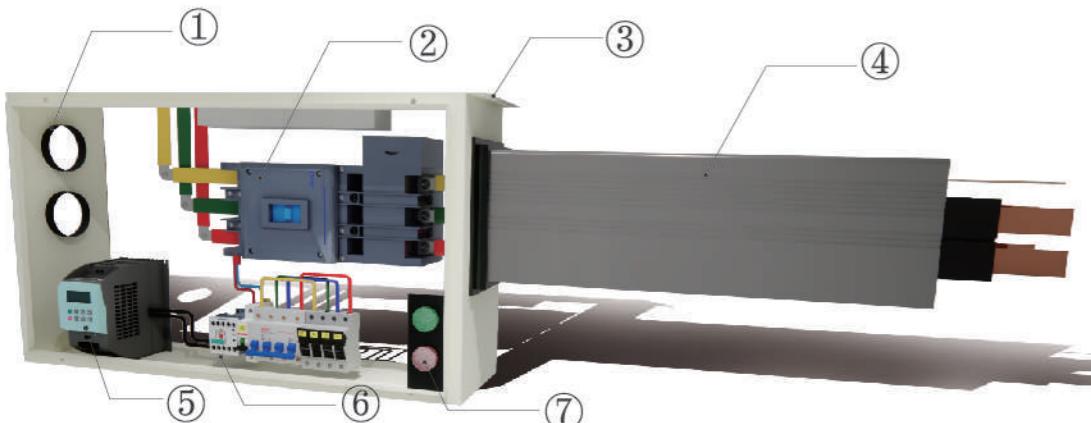
应用场景 APPLICATION SCENARIO

CY-S智能型母线参数 CY-S Intelligent Busway System



主要单元(FE)

始端箱 Entry box



- | | |
|---------|------------------------|
| ① 电缆护套 | Cable sheath |
| ② 断路器 | Circuit breaker |
| ③ 吊装卡位 | Suspension clamp |
| ④ 母线 | Busway |
| ⑤ 监测模块 | Monitoring module |
| ⑥ 电流互感器 | Current transformer |
| ⑦ 信号指示灯 | Signal indicator light |

- 一体式设计,采用连接器即可与母线干线连接;
Integrated design, which can be connected to the busbar trunk line with a connector;
- 多种配置可选(断路器、避雷器、监测模块、智能仪表等);
Various configurations are available (circuit breakers, surge arresters, monitoring modules, smart meters, etc);
- 可按需设置进线及操作方式;
The incoming line and operation mode can be set as needed;

母线槽 型号选择

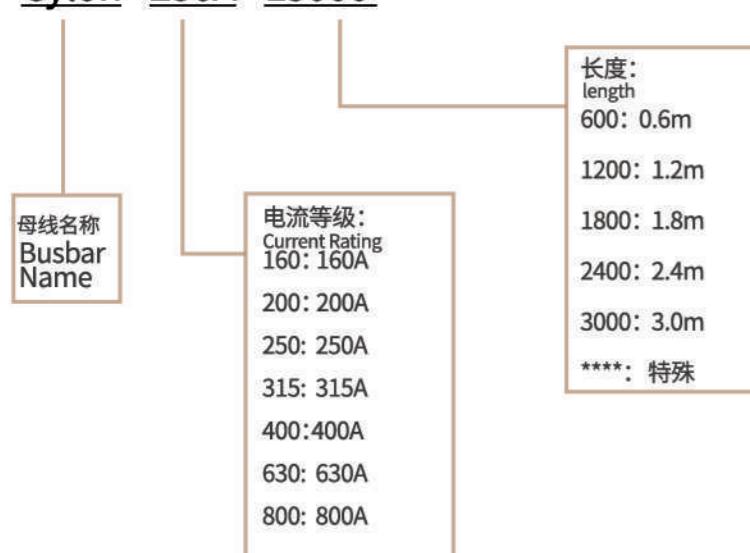
Busway Model Selection

母线外壳尺寸统一, 标准长度分为3m、2.4m、1.8m、1.2m、0.6m;
Busway have the same shell size, with standard lengths of 3m, 2.4m, 1.8m, 1.2, 0.6m.

外壳采用高强度铝合金材料, 增强母线耐划痕、耐盐雾及抗腐蚀;

The shell is made of high-strength aluminum alloy to enhance scratch resistance, salt mist resistance, and corrosion resistance.

Cylon - 250A - L3000



参数型号编码 Parameter Model Code

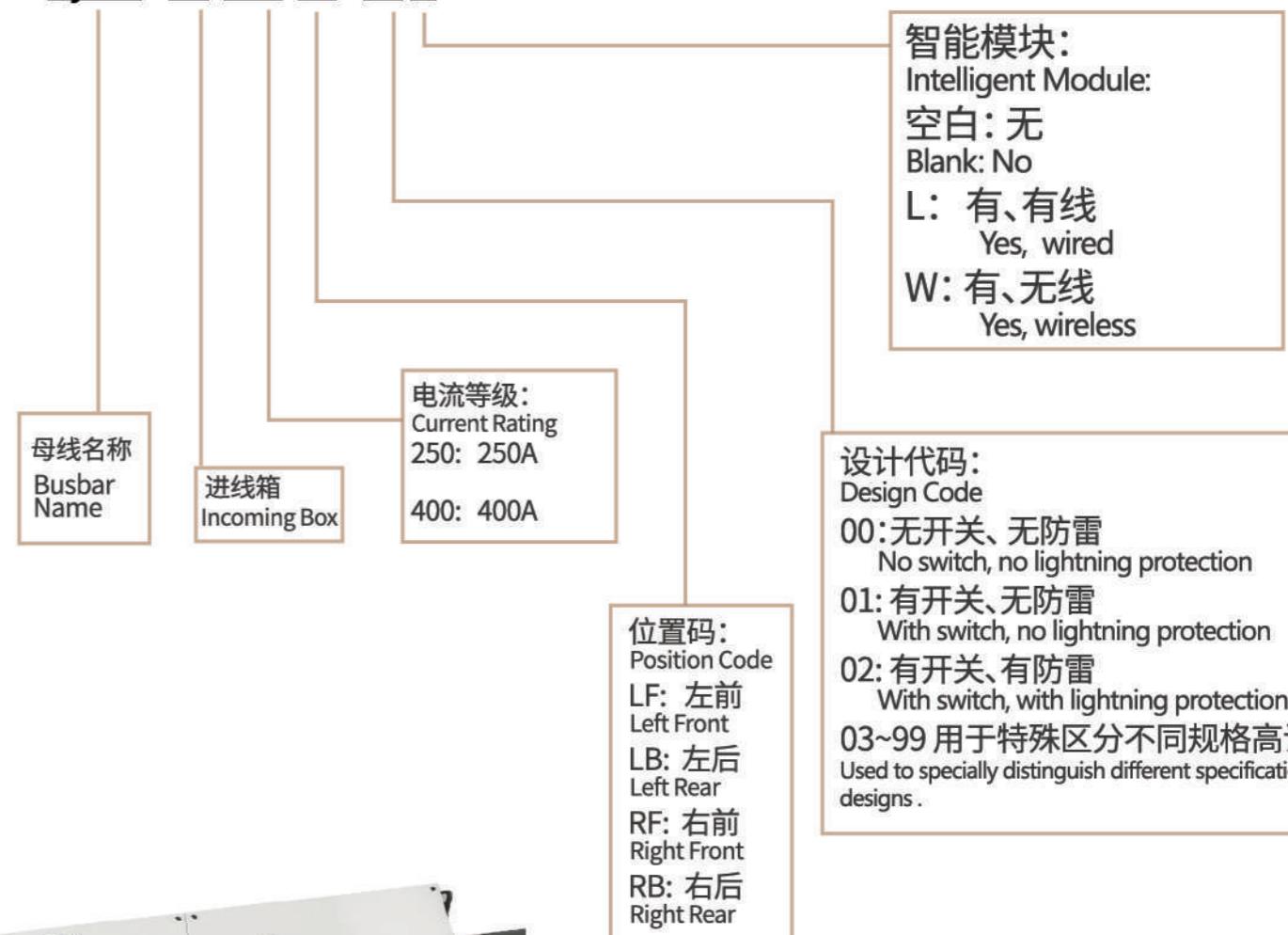
· 始端箱型号选择

Selection of Starting Terminal Box

用于电缆连接母线用端接

Used for the connecting end of the cable to the busbar.

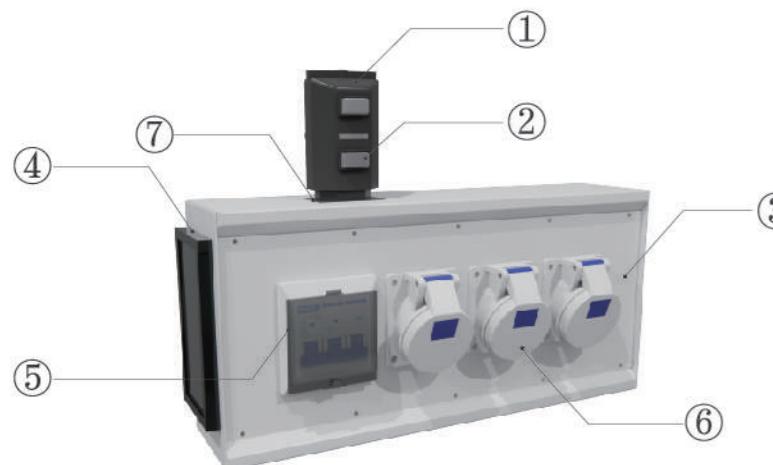
Cylon - SL 250 LF - 01 L



额定电流(A) Rated Current	L (mm)	W (mm)	H (mm)
160 ~ 800A	800	400	200

主要单元(FE)

插接箱 Plug-in Box



- ① 插接装置 Plug device
- ② 回弹接电端子 Spring-loaded Terminal
- ③ 箱体 Tap-off box
- ④ 通讯端口 Communication port
- ⑤ 微断保护罩 Protection cover for micro-circuit breaker
- ⑥ 工业插座 Industrial socket
- ⑦ 连锁机构 Interlock mechanism

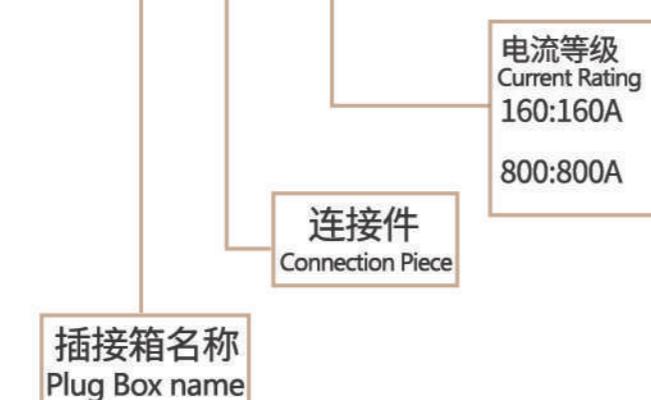
- 铝合金/工程塑料复合箱体,强度高、重量轻;
Aluminum alloy/engineering plastic composite box body, high strength and light weight;
- 高弹高导镀铜接电端子,接触点应力持久,温升低;
Highly elastic and highly conductive copper-plated electrical terminals with durable contact point stress and low temperature rise;
- 全电参量+四点温度监测,可对系统运行状态进行实时监控和预警;
Full electrical parameters + four-point temperature monitoring for real-time system operation status monitoring and early warning;
- 工业连接器馈出,快速便捷;
Industrial connectors for fast and convenient feed-out;

连接件型号选择

Connection Piece Model Selection

Cy-LK 400

- 用于将两段母线连接延伸;
Used to connect and extend two busbars.
- 组件规格800A-160A等级;
Component specifications: 800A-160A.



参数型号编码 Parameter Model Code

• 插接箱型号选择

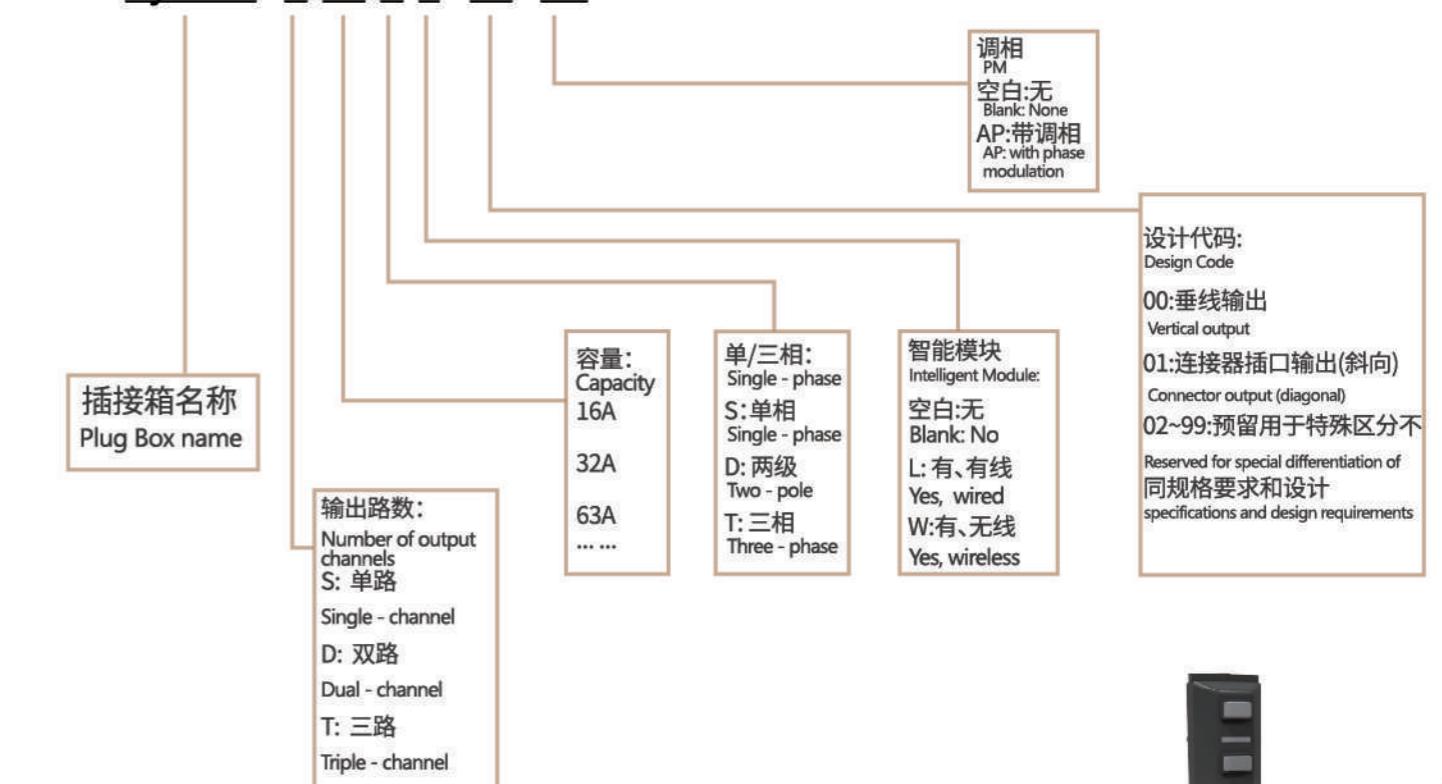
Terminal Box Model Selection

Cy-BOX 可选单路、双路、三路输出型
Cy-BOX can be selected as single, dual, or triple output type.

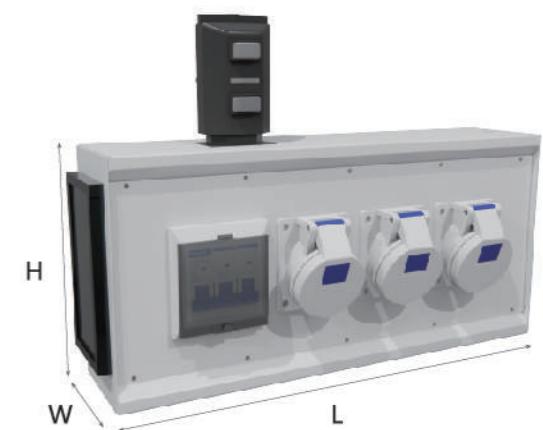
Cy-BOX 可选单极、双极、三极输出型
Cy-BOX can be selected as single-pole, double-pole, or triple-pole output type.

Cy-BOX 可带监控可选择有线或无线方式
Cy-BOX can be monitored with wired or wireless methods.

Cy-BOX - S 16 S L - 01 - AP

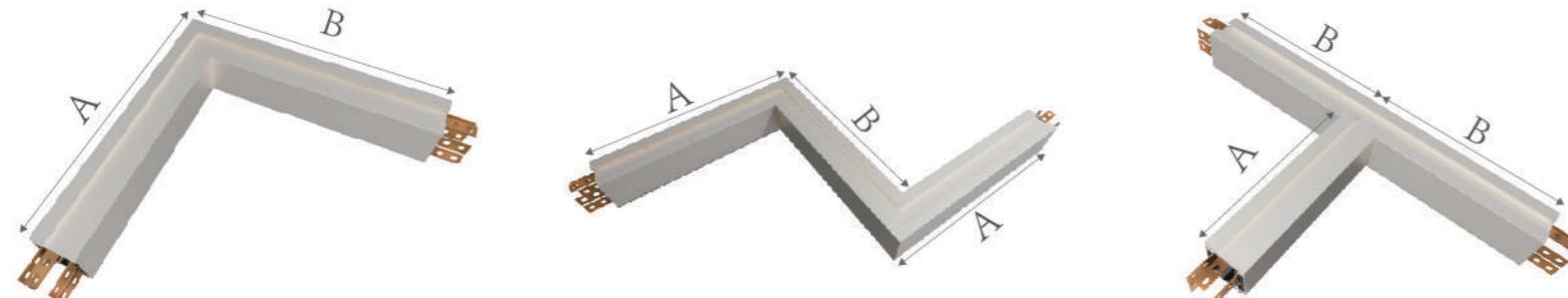


额定电流(A) Rated Current	L (mm)	W (mm)	H (mm)
160 ~ 800A	370	100	270



转向部件 Rotating Elements

弯头 Standard elbow

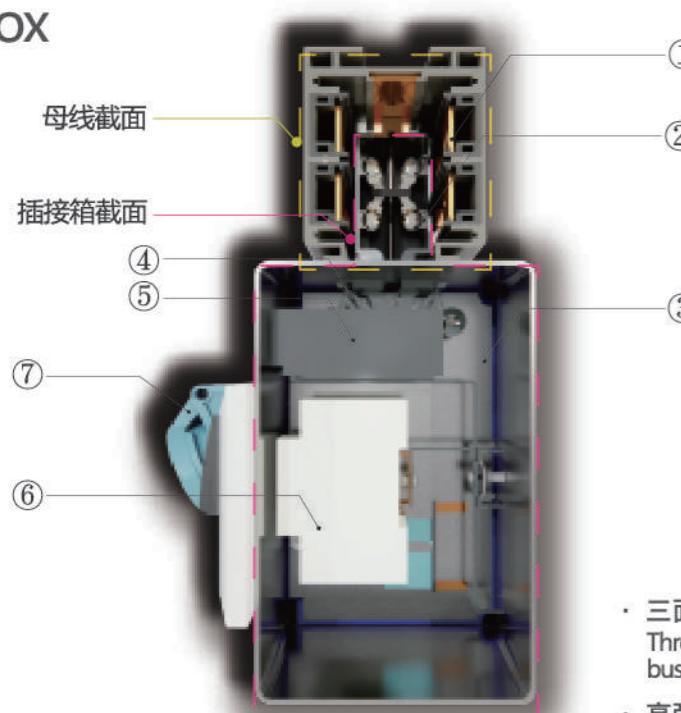


L型弯头
L-shaped elbow

Z型弯头
Z-shaped elbow

T型弯头
T-shaped elbow

插接箱 Plug-in Box



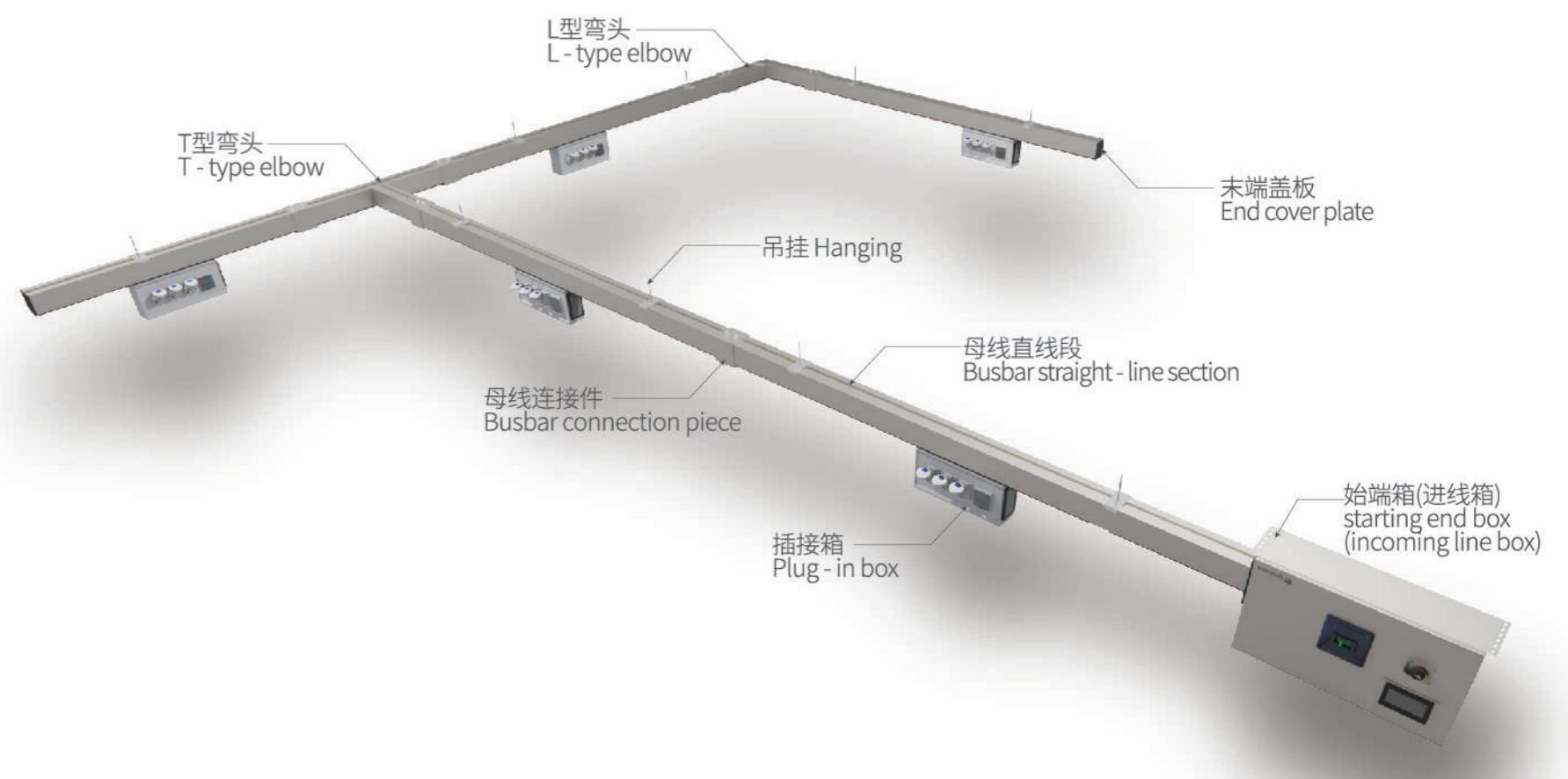
- | | |
|----------|------------------------|
| ① 母线排 | Main copper bar |
| ② 回弹接电端子 | Spring-loaded Terminal |
| ③ 插接箱箱体 | Tap-off box |
| ④ 联锁机构 | Interlock mechanism |
| ⑤ 微断开关 | Micro-circuit breaker |
| ⑥ 监测模块 | Monitoring module |
| ⑦ 工业插座 | Industrial socket |

规格 Specification	A	B
160A	500	500
200A	500	500
250A	500	500
315A	500	500
400A	500	500
630A	500	500
800A	500	500

注：超过600mm弯头请下特殊订单，最长可做1000mm。
Note: For elbows over 600mm, please place a special order, and the longest one can be 1000mm.

- 三面一体式型材+直线型护套和导体,构成母线干线轨道式结构;
Three-sided integrated profile + linear sheath and conductor, constituting the busbar trunk line track structure;
- 高弹高导接电端子由主母排取电分流;
High-elastic high-conductive terminals extract current from the main busbar;
- 分支电流经过微断保护,由工业连接器输出至PDU;
Branch current passes through microcircuit protection and is output to PDU via industrial connectors;
- 配置全电量和温度监测模块;
Configured with full power and temperature monitoring modules;
- 插接箱自带连锁机构,可快速固定于母线底部;
The plug-in box is equipped with a chain mechanism and can be quickly fixed to the bottom of the busbar.

装配灵活 Flexible Assembly



CY-L-C系列密集型铜母线槽

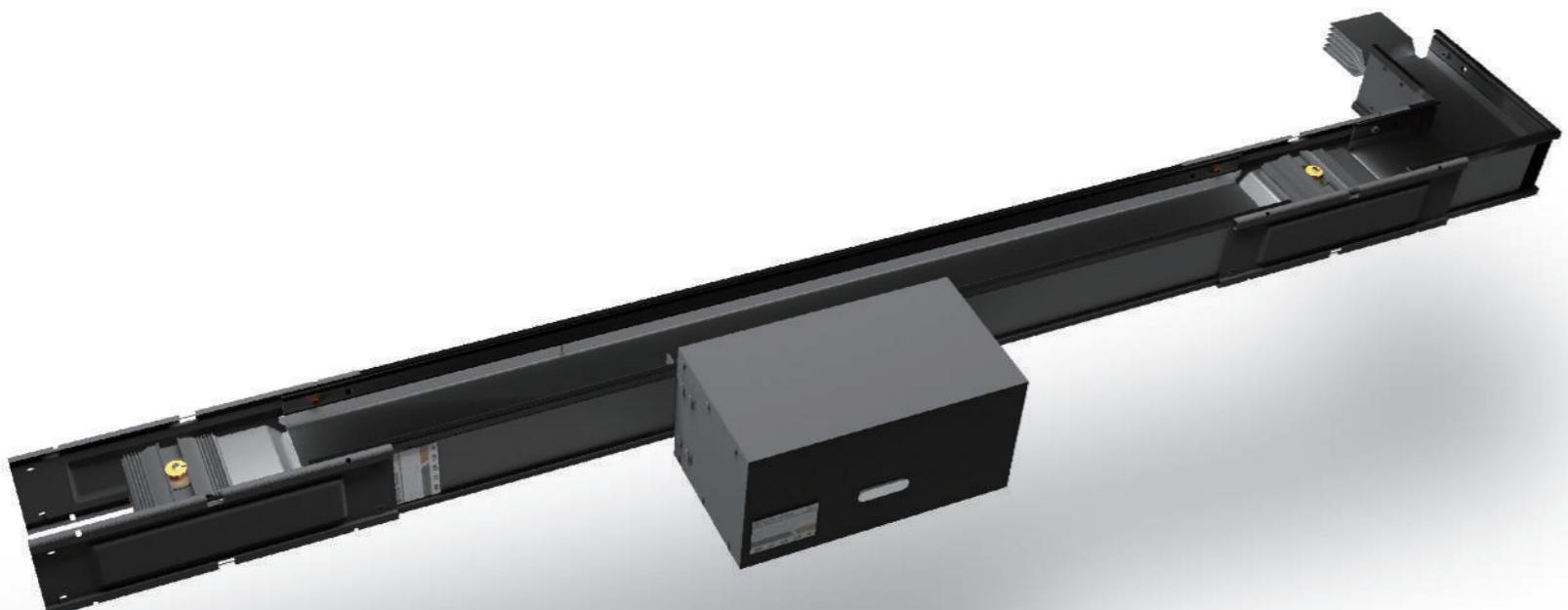
CY-L Copper Dense Busway System

更优秀/创新的结构设计

高性能、高强度、防护等级IP65+

High-quality conductor and excellent insulation materials

High performance, High strength and IP65+ protection level



产品特点



更高的传导效率和更低的损耗

Improved safety performance

CY-L系列母线采用高品质导体和绝缘材料，优化结构设计，使L系列母线具有低线路损耗的优点，从而大幅提升传导效率和降低成本；

母线整体散热性能优良，温升指标稳定，确保母线长期运行的稳定性；

The CY-L series busway utilizes high-quality conductors and insulating materials with an optimized structural design, providing low line losses to significantly enhance transmission efficiency and reduce costs;

The busway's superior heat dissipation performance and stable temperature rise levels ensure long-term operational stability;

CY-L-A系列密集型铝母线槽

CY-L Aluminium Dense Busway System

高品质导体和优秀的绝缘材料

高性能、高强度、防护等级IP65+

High-quality conductor and excellent insulation materials

high performance, high strength, and IP65+ protection level



产品特点



优秀的绝缘性能

Excellent insulation performance

CY-L系列母线槽采用美国杜邦生产的聚酯胶片作为绝缘材料，绝缘等级为B级130度；

端部采用绝缘等级更高的F级(155度)黑胶作为固定和加强绝缘；

阻燃性能符合UL94标准要求，是一种安全环保的无卤绝缘材料；

Utilizes DuPont polyester film as the primary insulation material, rated for Class B (130°C) thermal endurance;

Terminal sections reinforced with Class F (155°C) black epoxy resin for superior mechanical fixation and insulation reinforcement;

Flame-retardant performance meets UL94 standards, ensuring halogen-free and eco-friendly insulation properties;



接口和插接箱

Interface and plug-in box

插接口采用单面或双面布置，插接口数量和间距可根据现场灵活调整；

自主研发的插接箱具有良好的过载保护能力和短路保护能力，并采用接地故障保护功能；

The tap-off interfaces can be arranged in single-sided or double-sided configurations, with their quantity and spacing flexibly adjustable on-site;

The independently developed plug-in box features excellent overload protection, short-circuit protection, and integrated ground fault protection;



全封闭的外壳

Fully sealed shell

CY-L系列铝导体母线槽外壳全封闭结构，减少了灰尘在母线槽内的积聚，防护等级可达IP66级；

“三明治”结构的导体，配合全封闭的外壳，共同形成了整体散热的传播途径，散热效果更好；

The CY-L series aluminum conductor busway features a fully enclosed housing structure, reducing dust accumulation inside the busway and achieving an IP66 protection rating;

The "sandwich-style" conductor design, combined with the fully enclosed housing, creates an integrated heat dissipation pathway, delivering improved heat dissipation efficiency;



通用配件和附件

Universal parts and accessories

CY-L系列铝型母线槽进行了优化的设计，同等电流等级的母线槽配件和附件可以通用；

插接箱和插接口是互相兼容的，这简化了安装和维修的工作量，有效降低了客户成本。

The CY-L series aluminum busway features an optimized design, enabling interchangeability of accessories and components across busway systems with the same current rating;

Plug-in boxes and tap-off interfaces are mutually compatible, simplifying installation and maintenance efforts while effectively reducing customer costs.



“三明治” / “亚”字型结构

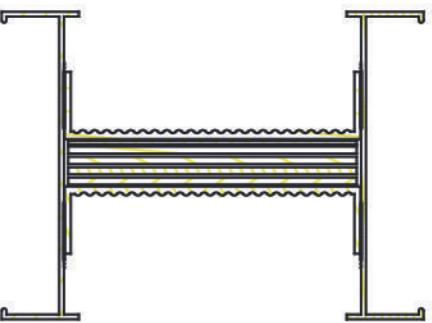
"Sandwich"/"A" structure

导体紧密排列，整体散热，使得母线槽温升值更低；

结构紧密的母线槽更小的占用建筑物空间；

The compact conductor arrangement with integrated heat dissipation results in lower temperature rise of the busway;

The tightly structured busway occupies less building space;



连接器

Active connector

活动式设计，维修时拆卸或形成电气隔离；

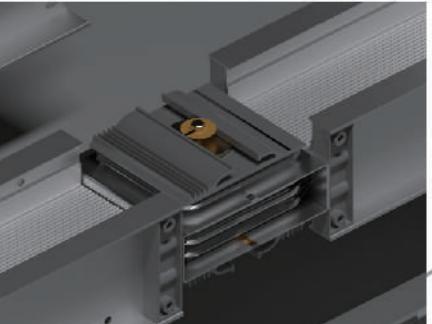
限位设计，提升安装效率和质量；

连接部位采用电镀银/锡接触面，双面搭接增大导体的截面，确保连接头具有良好的导电性能；

Removable design facilitates disassembly or electrical isolation during maintenance;

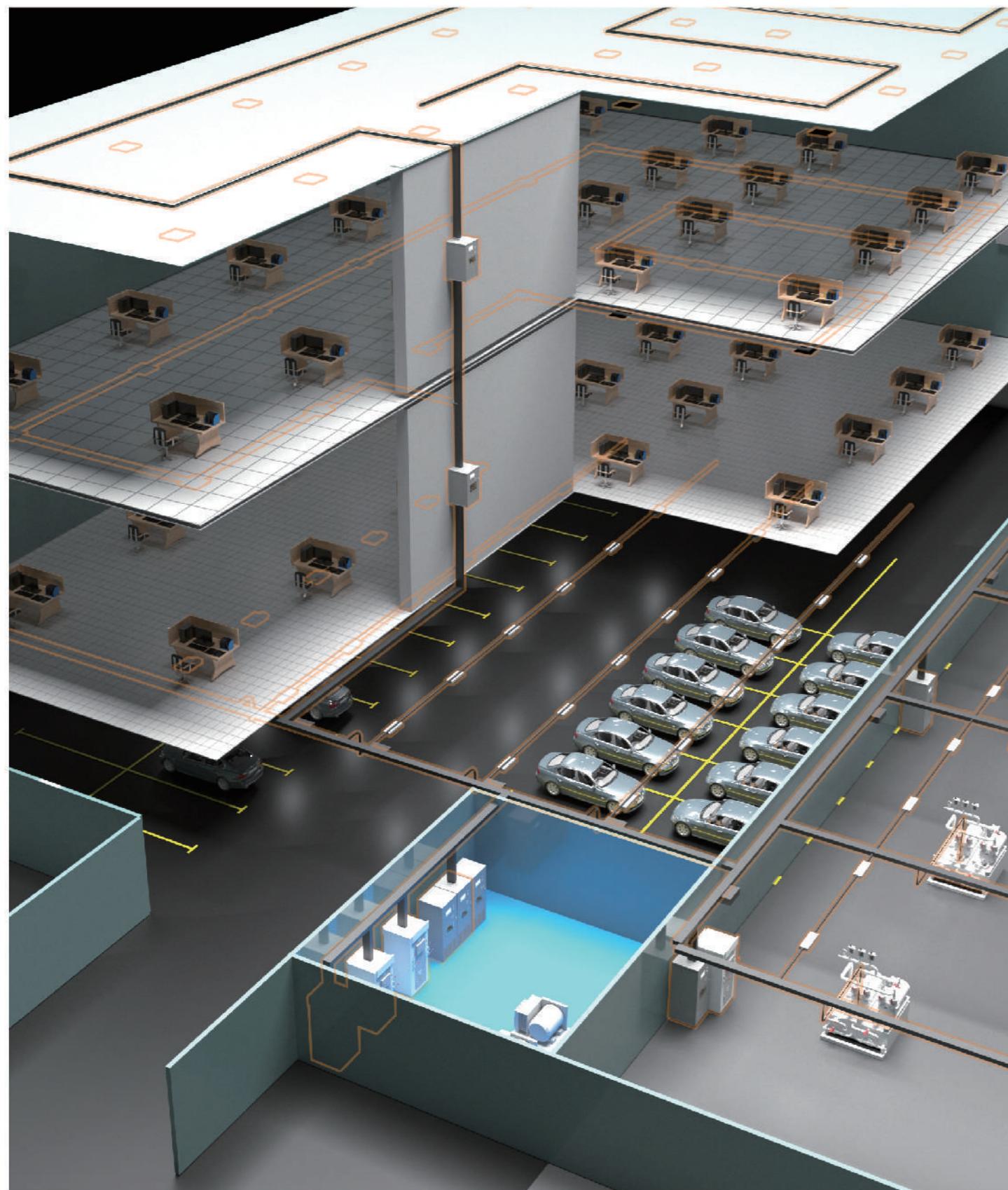
Positioning limiter design enhances installation efficiency and quality;

Silver/tin-plated contact surfaces with double-sided overlapping at connection points increase conductor cross-section, ensuring excellent conductivity;



应用场景 APPLICATION SCENARIO

应用场景

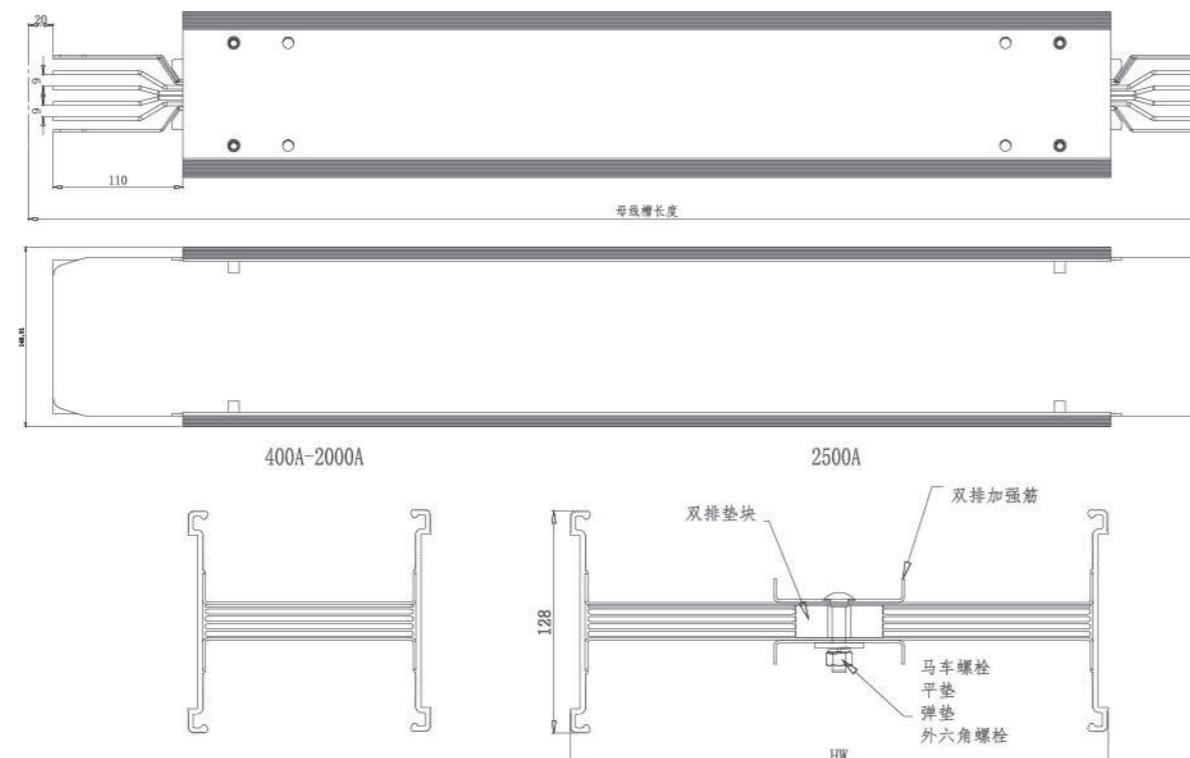


CY-L 密集型系列产品参数

CY-L Sandwich Busway System

铜母线槽

Copper Busway System



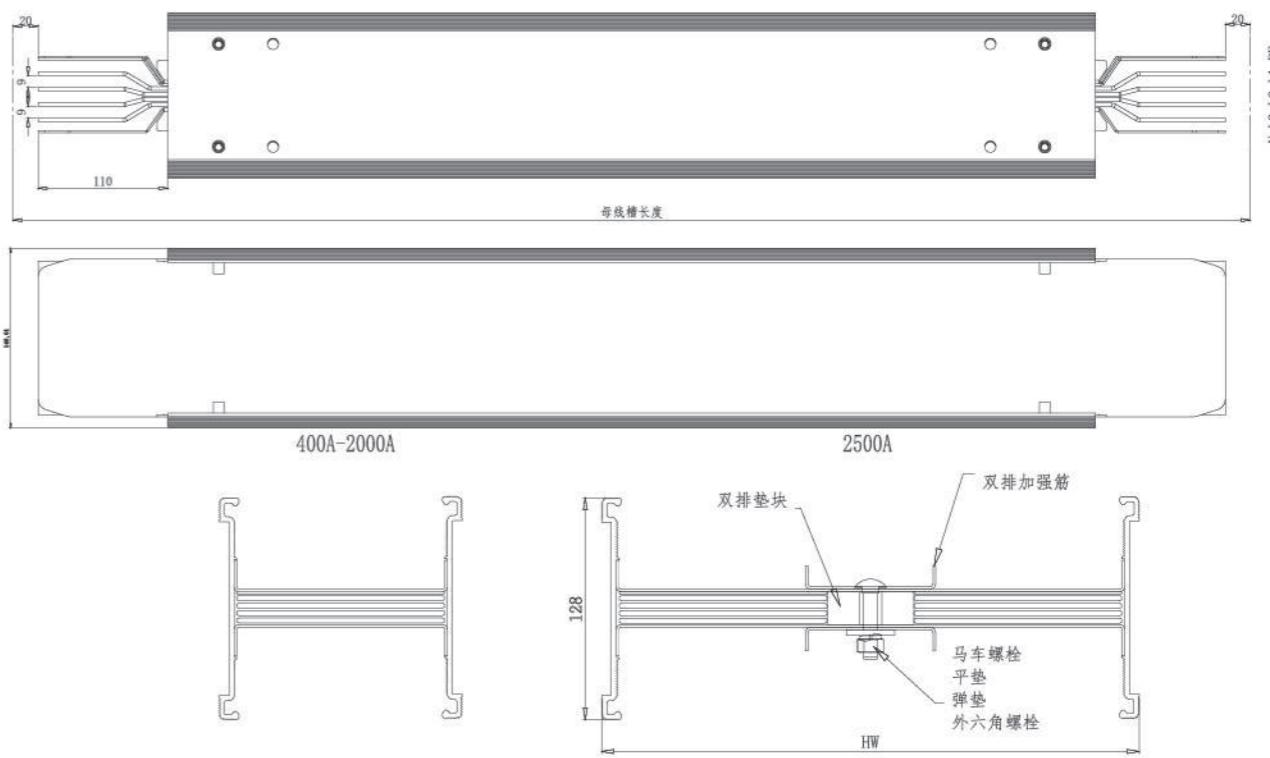
尺寸表·

参数表·

电流等级 (A) Current Rating A	型号 Model 外形尺寸 Outer Dimension	CY-L(铜)	CY - L (Copper)
		宽 (mm) Width	高 (mm) Height
250-400		128	63
500		128	73
630		128	83
800		128	98
1000		128	118
1250		128	143
1600		128	173
2000		128	233
2500		128	288
3150		128	368
4000		128	448
5000		128	468
6300		128	548

铝母线槽

Aluminium Busway System



尺寸表

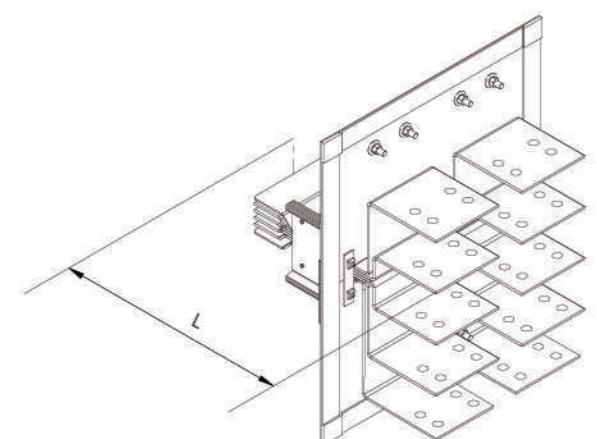
参数表：

电流等级 (A) Current Rating A	型号 Model 外形尺寸 Outer Dimension	CY-L(铝) CY-L(Aluminium)	
		宽 (mm) Width	高 (mm) Height
250-400		128	60
500		128	70
630		128	80
800		128	105
1000		128	130
1250		128	160
1600		128	200
2000		128	240
2500		128	300
3150		128	390
4000		128	460

馈电单元(FE) FE Unit

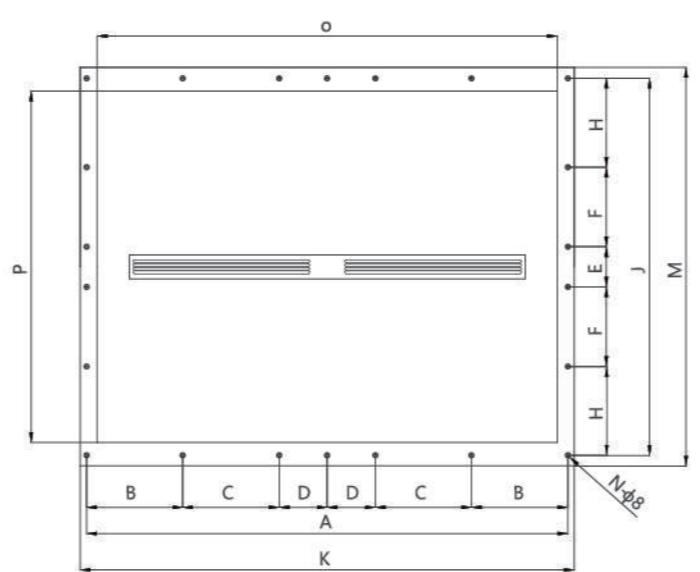
标准法兰 Standard Connector

法兰端外形图 Fittings Drawing Outline



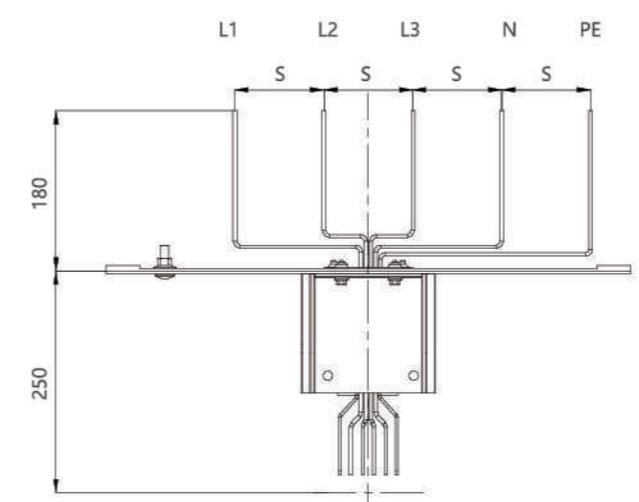
法兰领切口线和钻孔样板
Flange Cutting Line and Drilling Hole Sample Plate

额定电流 (A) Rated Current	K (mm)	O (mm)	M (mm)	P (mm)
400A	214	164		
630A	214	164		
800A	214	164		
1000A	230	180		
1250A	259	209		
1600A	291	241		
2000A	333	283		
2500A	385	335		
3150A	493	443		
4000A	581	531		
5000A	689	639		

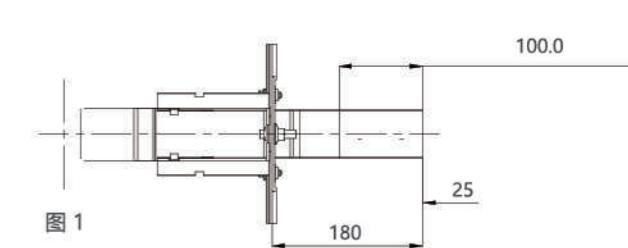


馈线法兰领孔位置和间距
Feeder Line Flange Hole Position and Spacing

额定电流 (A) Rated Current	N 孔数 Number of holes	A 孔位置和间距 Hole position and spacing	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	J (mm)	K (mm)	M (mm)	O (mm)	P (mm)
400A	14	195	98	---	---				214	214	214	164	
630A	14	195	98	---	---				214	214	214	164	
800A	14	195	98	---	---				214	214	214	164	
1000A	14	211	106	---	---				230	230	230	180	
1250A	14	240	120	---	---				259	259	259	209	
1600A	14	272	136	---	---				291	291	291	241	
2000A	16	314	103	108	---				333	333	333	283	
2500A	16	366	116.5	133	---				385	385	385	335	
3150A	18	474	118.5	118.5	---				493	493	493	443	
4000A	18	562	140.5	140.5	---				581	581	581	531	
5000A	20	670	134.0	134.0	134.0				689	689	689	639	



额定电流 (A) Rated Current	S (mm)
400A	
630A	
800A	
1000A	
1250A	
1600A	
2000A	
2500A	
3150A	100
4000A	
5000A	



额定电流 (A) Rated Current	A (mm)	图 Picture
400A		1
630A		1
800A		1
1000A	40	2
1250A	50	2
1600A	70	2
2000A	50	3
2500A	70	3
3150A	70	4
4000A	50	5
5000A	70	5

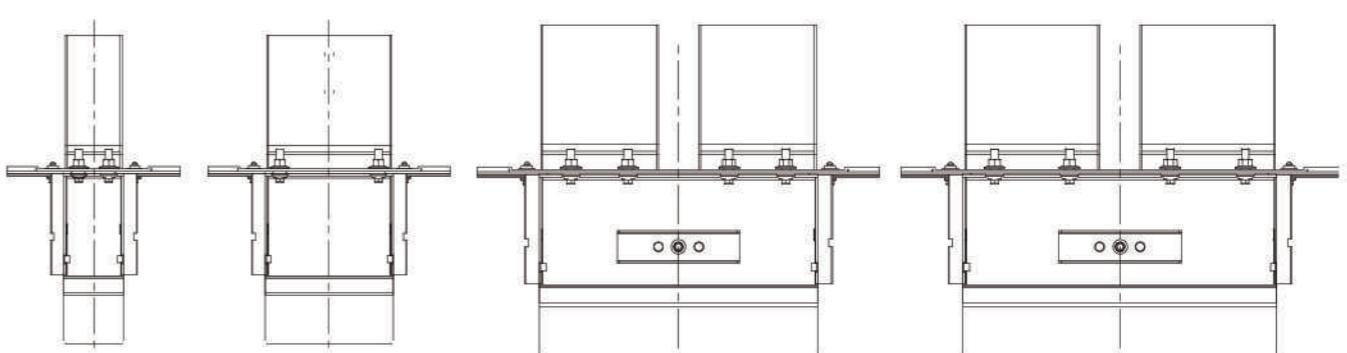


图 2

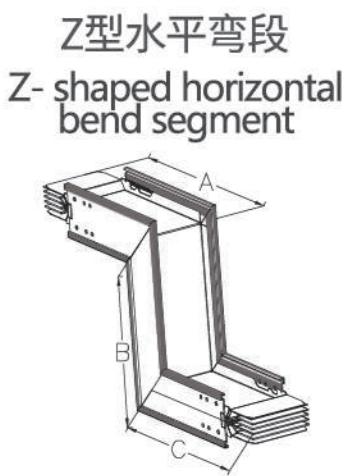
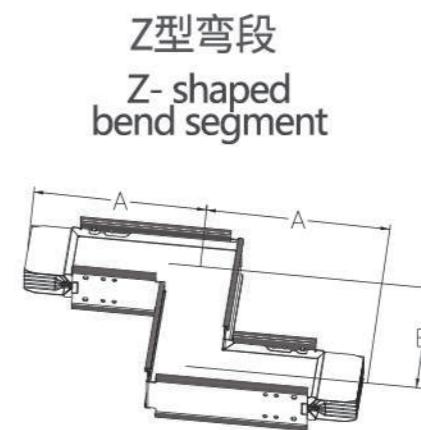
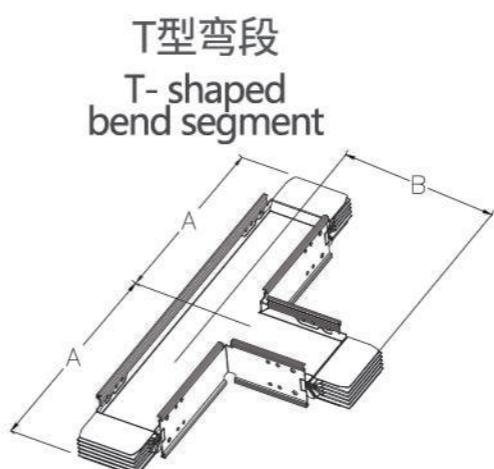
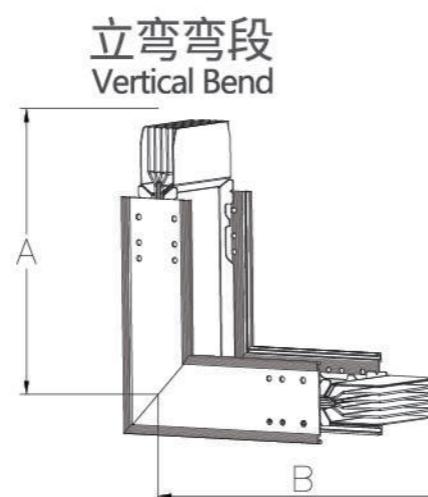
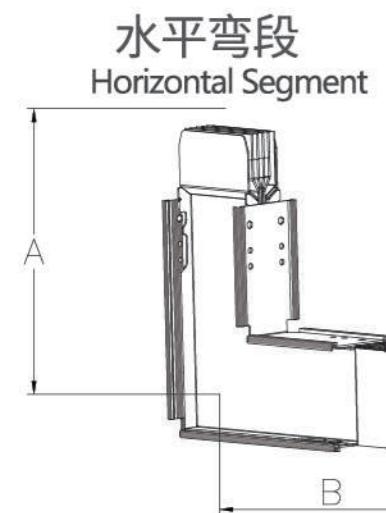
图 3

图 4

图 5

转向部件 Rotating Elements

标准弯头 Standard elbow



额定电流 (A) Rated Current	A (mm)	B (mm)	C (mm)
400A	500	500	500
630A	500	500	500
800A	500	500	500
1000A	500	500	500
1250A	500	500	500
1600A	500	500	500
2000A	500	500	500
2500A	500	500	500
3150A	500	500	500
4000A	500	500	500
5000A	500	500	500

额定电流 (A) Rated Current	A (mm)	B (mm)	C (mm)
400A	500	500	500
630A	500	500	500
800A	500	500	500
1000A	500	500	500
1250A	500	500	500
1600A	500	500	500
2000A	500	500	500
2500A	500	500	500
3150A	500	500	500
4000A	500	500	500
5000A	500	500	500

注：超过600mm弯头请下特殊订单，最长可做1000mm。

Note: For elbows over 600mm, please place a special order, and the longest one can be 1000mm.

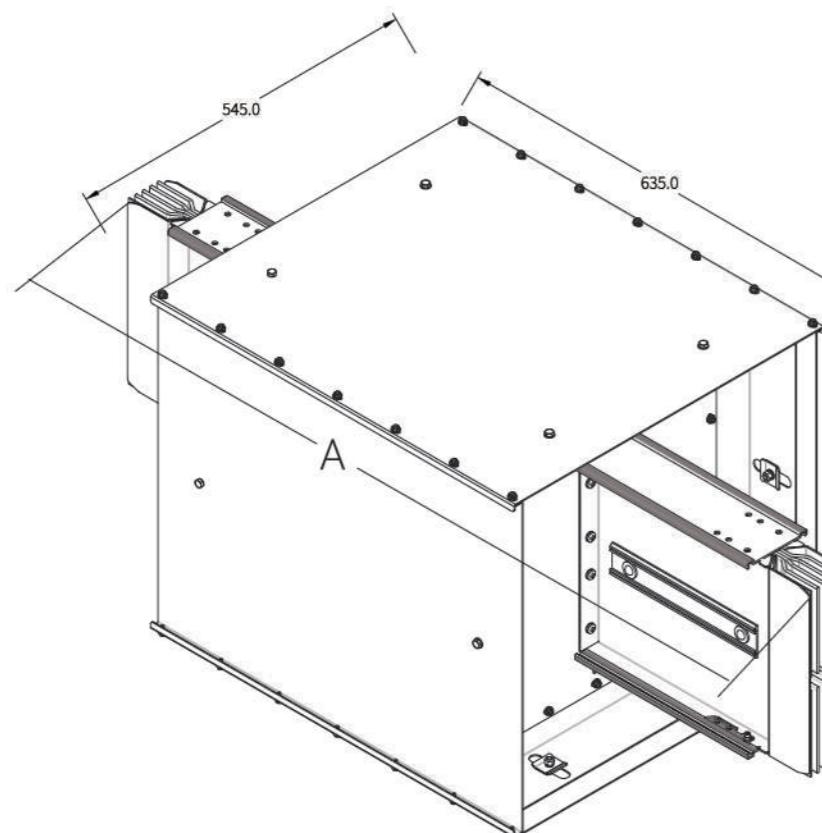
注：超过600mm弯头请下特殊订单，最长可做1000mm。

Note: For elbows over 600mm, please place a special order, and the longest one can be 1000mm.

铜母线编号规则

NUMBERING RULES OF COPPER BUS

伸缩节 Expansion joint



额定电流 (A) Rated Current	A mm
400	1500
500	1500
630	1500
800	1500
1000	1500
1250	1500
1600	1500
2000	1500
2500	1500
3150	1500
4000	1500
5000	1500
6300	1500

产品型号

产品系列 Series	CY-L	CY-L Series copper busbar trunking
-------------	------	------------------------------------

系统 System	C	3L+N+PE(Copper)
	A	3L+N+PE(Aluminum)

电流等级 Current Rating

04	400A
06	630A
08	800A
10	1000A
12	1250A
16	1600A
20	2000A
25	2500A
32	3150A
40	4000A
50	5000A

部件 Copper

L	直身 Straight Body
FE	法兰 Flange
LR	弯头 Elbow
T	接T Tee
EJ	膨胀节 Expansion Joint
R	变容节 Variable Volume Joint
PT	换相器 Commutator

IP54	IP54
IP55	IP55
IP65	IP65

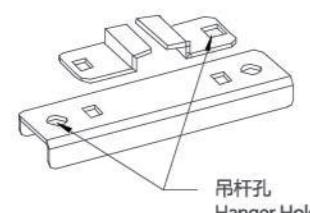
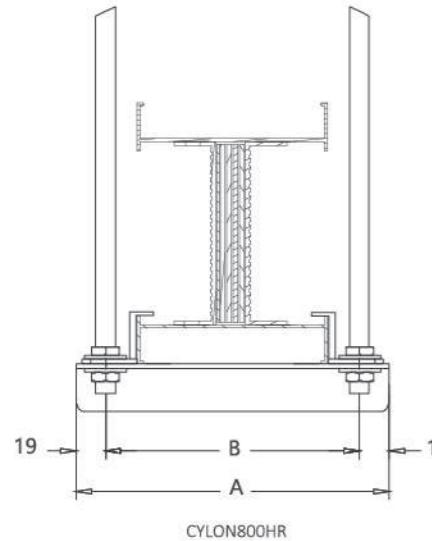
注：1600A, 2000A, 2500A, 5000A 型号后缀加“L”

Note: Add "L" to the suffix of models 1600A, 2000A, 2500A, and 5000A.

安装吊架

Rotating Elements

水平吊架 (HR) / 立式吊架 (VH)
Horizontal Rails / Vertical Rails

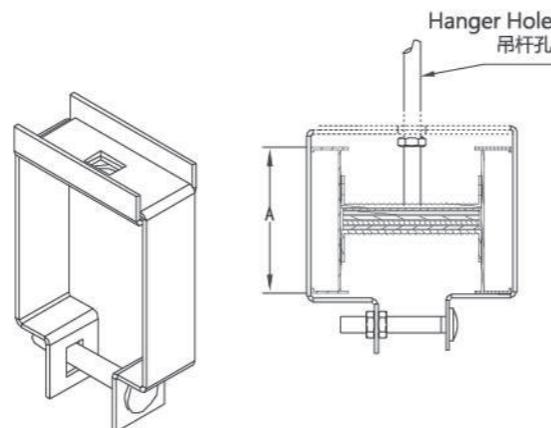


吊杆孔
Hanger Hole

额定电流 (A) Rated Current	A (mm)	B (mm)	目录号 Catalog Number
400	270	230	CYTHON800HR
630	270	230	CYTHON800HR
800	270	230	CYTHON800HR
1000	270	230	CYTHON800HR
1250	270	230	CYTHON800HR
1600	270	230	CYTHON800HR
2000	270	230	CYTHON800HR
2500	270	230	CYTHON800HR
3150	270	230	CYTHON800HR
4000	270	230	CYTHON800HR
5000	270	230	CYTHON800HR

额定电流 (A) Rated Current	A (mm)	目录号 Catalog Number
400	99	CYTHON800VH
630	99	CYTHON800VH
800	99	CYTHON800VH
1000	115	CYTHON801VH
1250	144	CYTHON802VH
1600	176	CYTHON803VH
2000	218	CYTHON804VH
2500	270	CYTHON805VH
3150	378	CYTHON806VH
4000	466	CYTHON807VH
5000	574	CYTHON808VH

安装示意图
Installation Diagram

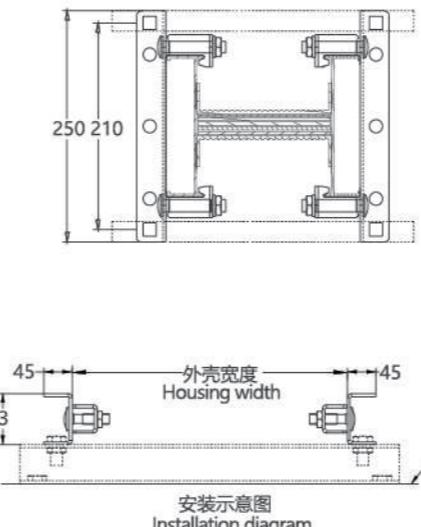


CYLON - VH

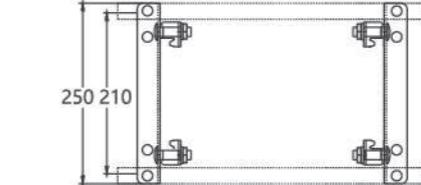
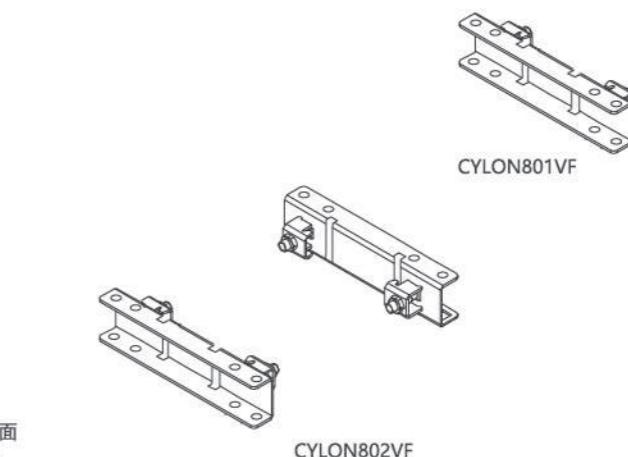
垂直安装用支架

Vertical installation of bracket

垂直固定式支架 (VF) / 垂直弹簧式支架 (VS)
Vertical Installation Using Brackets / Fixed Vertical Supports



安装示意图
Installation diagram



额定电流 (A) Rated Current	目录号 Catalog Number
400	CYTHON801VS
630	CYTHON801VS
800	CYTHON801VS
1000	CYTHON801VS
1250	CYTHON801VS
1600	CYTHON802VS
2000	CYTHON802VS
2500	CYTHON802VS
3150	CYTHON802VS
4000	CYTHON802VS
5000	CYTHON802VS

注：当使用弹簧支架时，母线连接头高出地面不应小于540mm，以保证支架与母线外壳的固定。
Note: When using a spring bracket, the height of the busbar connection head above the ground should not be less than 540mm to ensure the fixation of the bracket and the busbar housing.

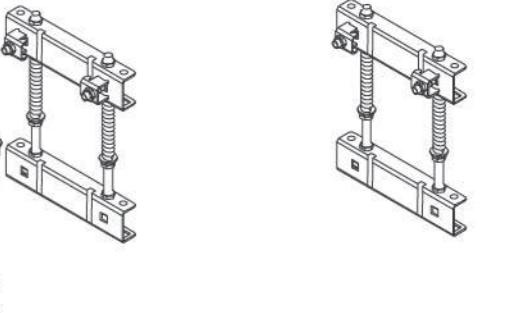
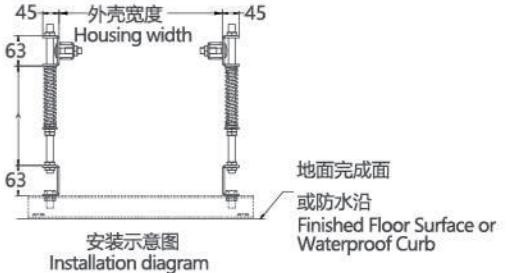
CYLON802VS

额定电流 Rated Current	目录号 Catalog Number
400	CYTHON801VF
630	CYTHON801VF
800	CYTHON801VF
1000	CYTHON801VF
1250	CYTHON801VF
1600	CYTHON801VF
2000	CYTHON802VF
2500	CYTHON802VF
3150	CYTHON802VF
4000	CYTHON802VF
5000	CYTHON802VF

注：1. 当使用垂直固定支架时，母线连接头高出地面不应小于300mm，以保证支架与母线外壳的固定。
2. 母线垂直安装时，固定支架之间的最大间距为5m。

1. When using a vertical fixed bracket, the height of the busbar connection head above the ground should not be less than 300mm to ensure the fixation of the bracket and the busbar housing.

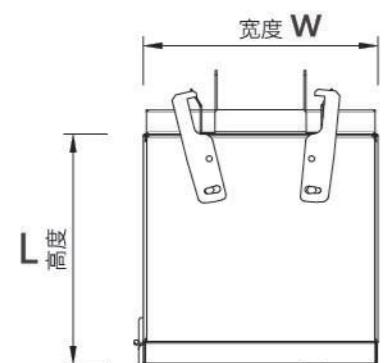
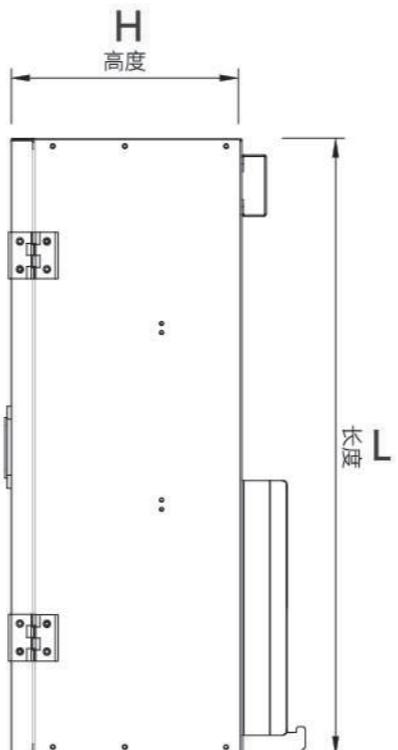
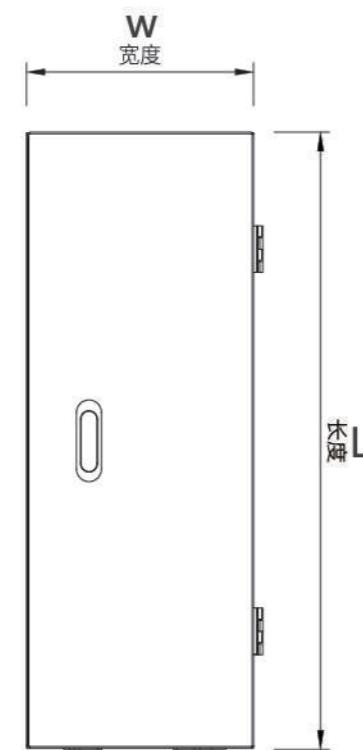
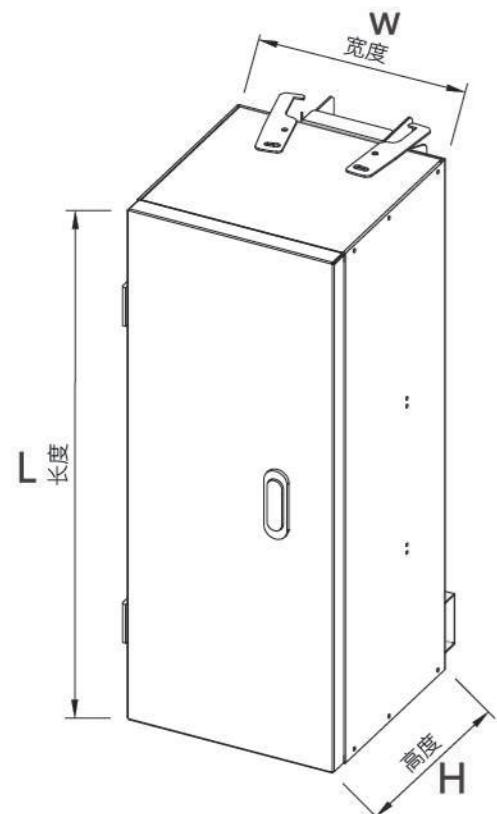
2. When the busbar is installed vertically, the maximum spacing between fixed brackets is 5m.



CYLON801VS

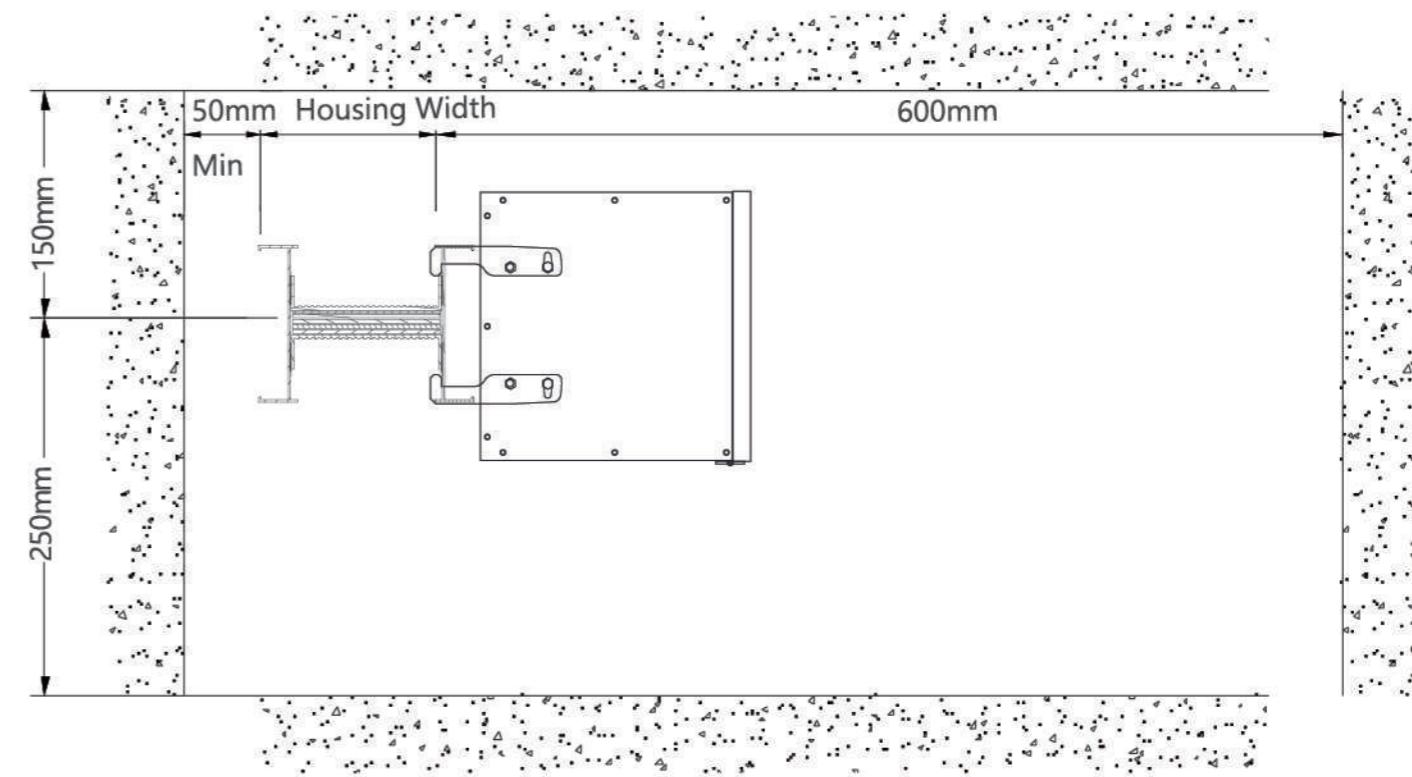
插接箱

规格尺寸 Dimension Specifications



额定电流 A Rated Current	长 L(mm) Length	宽 W (mm) Width	高 H (mm) Height
0-250	600	300	200
250-630	600	300	250
Live operation 带电操0-250	600	300	300
Live operation 带电操250-630	600	300	300

安装所要求空间 Space Required for Installation



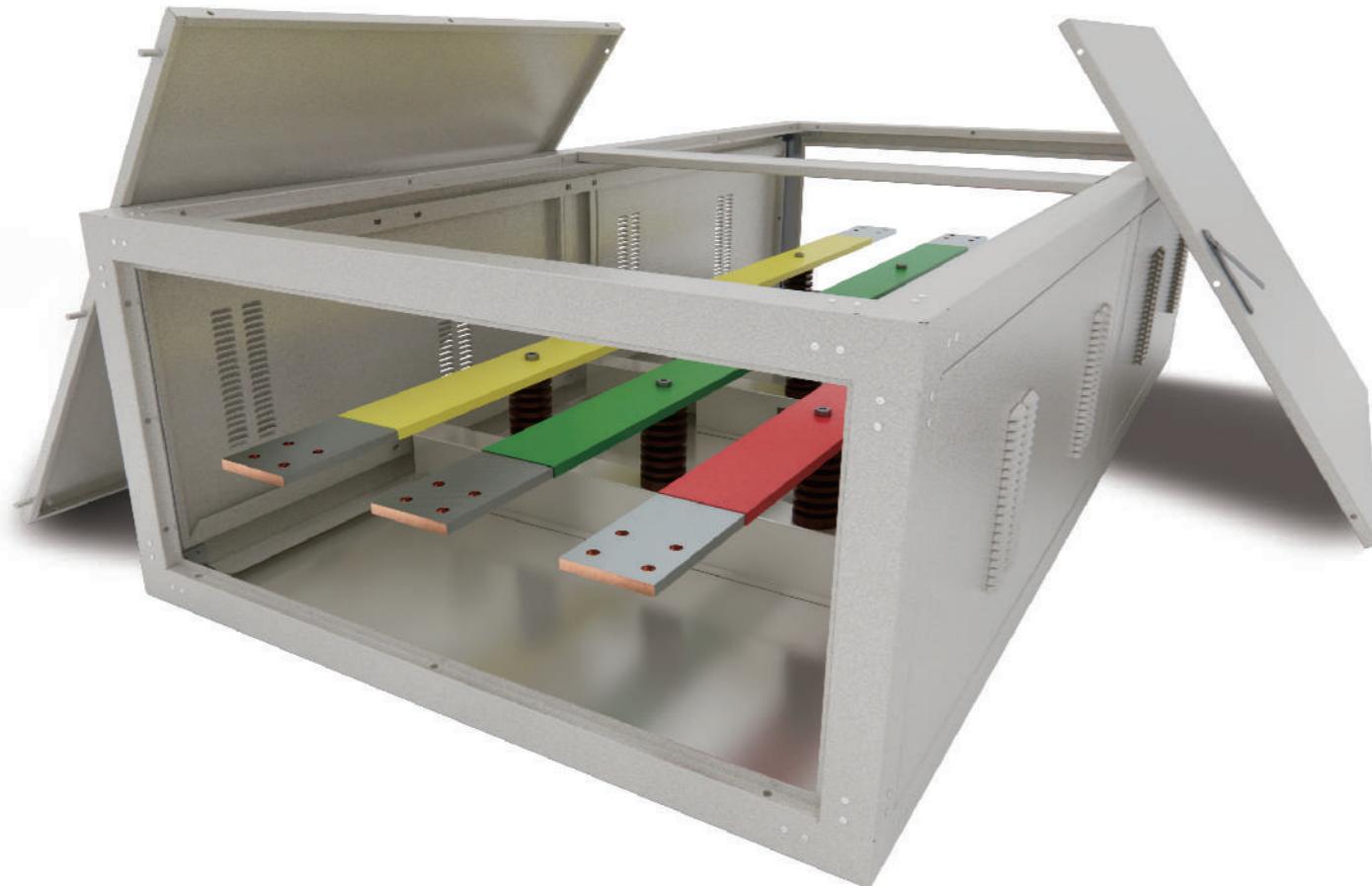
CY-H 系列共箱型母线槽

CY-H Voltage Enclosure Busway System

耐压强·耐击穿&强绝缘保护

高性能、高防护、+75KV 雷击试验

Withstand High Voltage Withstand Puncture and Strong Insulation Protection
High Performance, High Protection, and +75KV Lightning Test



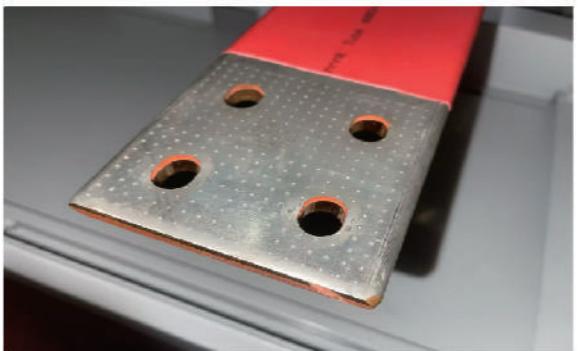
产品特点

▶ 超高电压运行 Ultra-High Voltage Operation

耐压强：通过1分钟工频耐压测试，实测电压42.1kV，无击穿。
 适应广：在24°C、40%湿度、100.9kPa气压下表现稳定。
 设计佳：A、B、C端子及外壳底座设计合理，保障电气安全。
 Withstand High Voltage: Passed the 1-minute AC withstand voltage test with a measured voltage of 42.1kV, without breakdown.

Adaptability: Stays stable at conditions of 24°C, 40% humidity and 100.9kPa pressure.

Nice Design: The design of A, B, C terminals and outer shell base is scientifically reasonable, ensuring electrical safety.



▶ 雷电冲击试验 Lightning Impulse Test

耐压强：正负极性试验电压下，均未击穿。
 适应广：在特定温湿度、气压条件下，试验合格。
 结构稳：Aa、Bb、Cc等部位正负极性测试均表现稳定。
 Withstand High Voltage: No breakdown under positive and negative polarity test voltages.

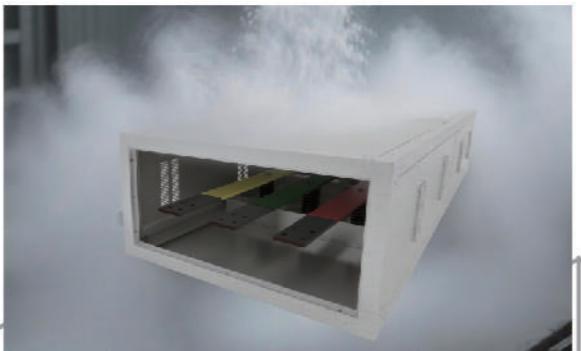
Adaptability: Passes tests under specific temperature, humidity and pressure conditions.

Structural Stability: Aa, Bb, Cc, etc., show stable performance in positive and negative polarity tests.



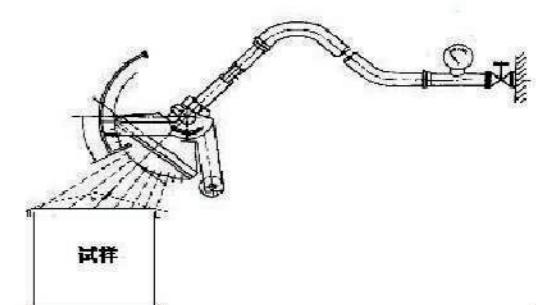
▶ 有效防护粉沉 Effective Protection Against Dust Deposition

高防护等级：IP5X，有效阻挡灰尘。
 安全特低电压：40V-50V，确保操作无忧。
 气压防尘设计：外壳内气压低于外界，防尘效果佳。
 精细间隙设计：试棒测试确保与危险部件安全距离。
 持久试验：8小时防尘试验，性能稳定可靠。
 High Protection Standards: IP5X, effectively blocking dust.
 Safe Extra-Low Voltage: 40V-50V, ensuring worry-free operation in electrical applications.
 Airtight Dust-Proof Design: The internal pressure of the casing is lower than the external environment, providing excellent dust-proof performance.
 Precise Gap Design: Ensures a safe distance from hazardous components through rigorous probe testing.
 Durability Testing: Undergone an 8-hour dust test, guaranteeing stable and reliable performance in line with electrical industry standards.



▶ 有效喷淋防水 Effective Waterproofing through Spraying

防水等级高：IPX4级，有效防水。
 防淋水试验通过：无有害影响，性能稳定。
 绝缘部位干燥：电器主回路和辅助回路无进水痕迹。
 内部元件安全：电气元件和机构无进水，保障运行。
 结构件无积水：其他非绝缘部件无积水，耐用可靠。
 High Waterproof Rating: IPX4 effectively waterproof.
 Passed Rain Resistance Test: With no adverse effects, demonstrating stable performance.
 Insulation Parts Dry: No water traces found in the main and auxiliary electrical circuits.
 Internal Components Safe: No water ingress in electrical and mechanical parts, ensuring smooth operation.
 No water Structural: No water accumulation in non-insulated parts, ensuring durability and reliability.

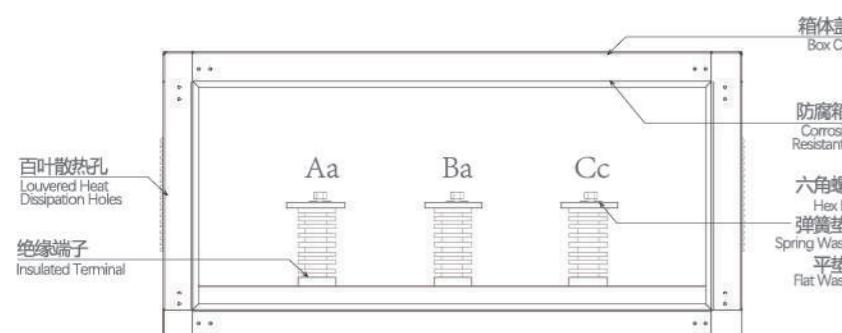
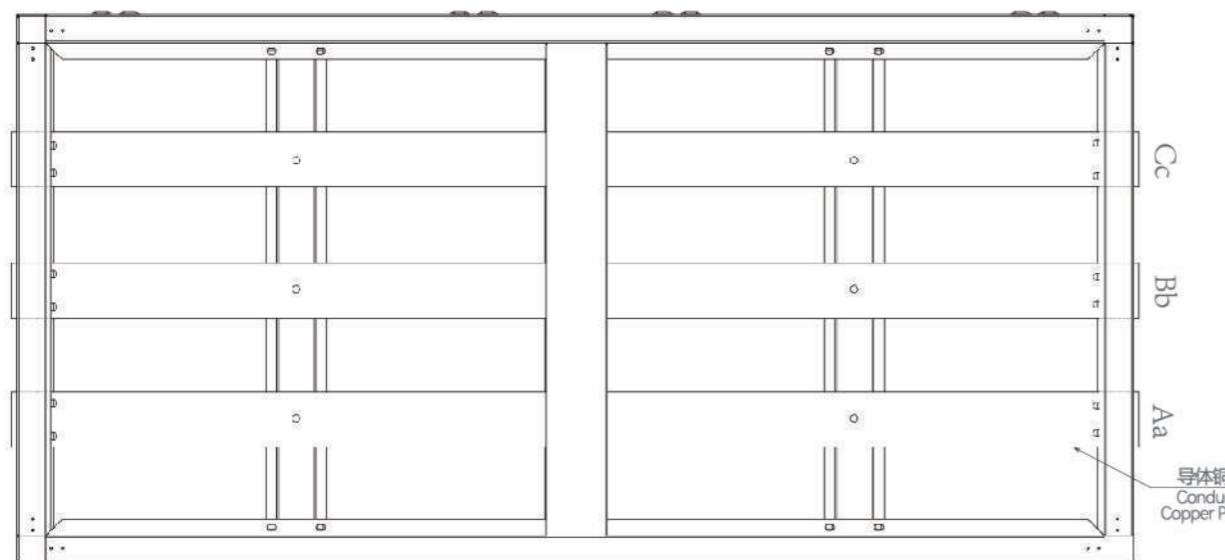
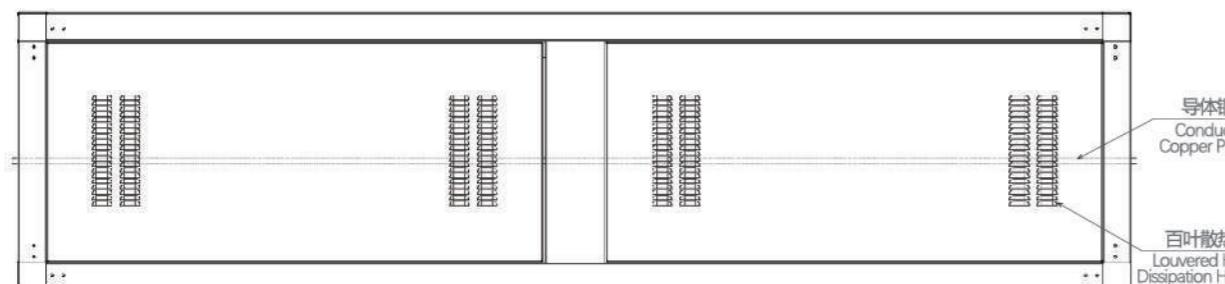


CY-H 高压共箱母线参数

CY-H Voltage Enclosure Busway System

安装空间

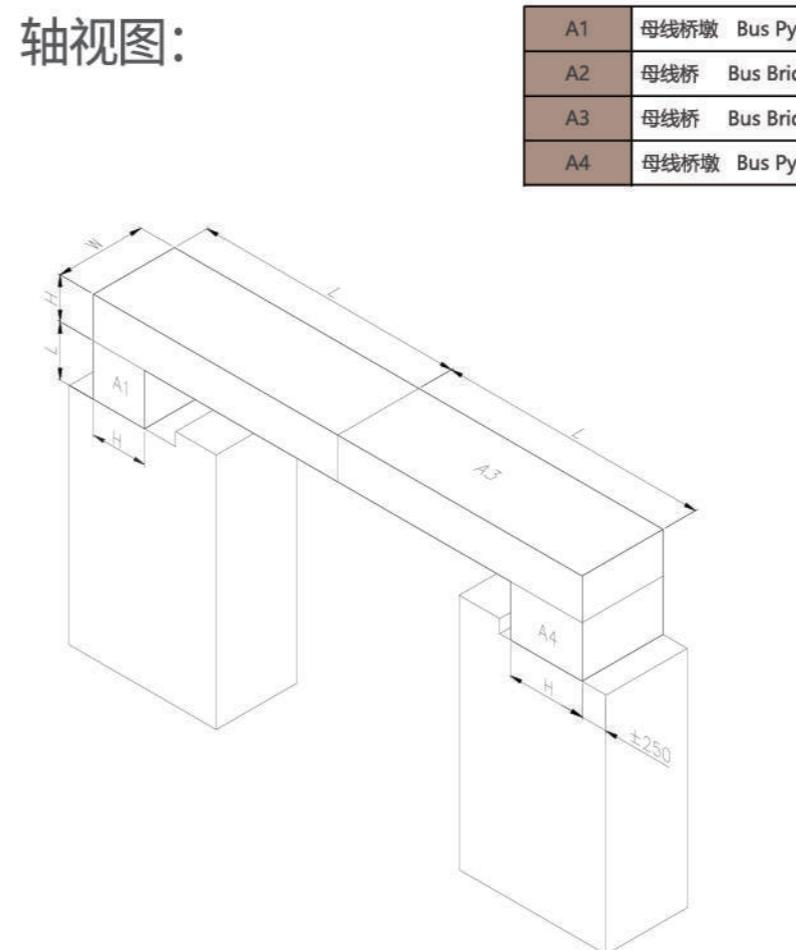
Space Required for Installation



技术参数表:

参数类型 Parameter Type	技术索引 Technical Index
适用频率 Applicable Frequency	50~60Hz
额定电压 Rated Voltage	10kV
额定电流 Rated Current	400~6300A
绝缘电阻 Insulation Resistance	$\geq 100\text{M}\Omega$ (2500V兆欧表) (2500V Megohmmeter)
防护等级 Protection Rating	室内:IP40;室外:IP43/IP54 Indoor: IP40; Outdoor: IP43/IP54
工频耐压 Power Frequency Withstand Voltage	通过1分钟工频耐压测试 Passes 1-minute power frequency withstand voltage test
接地系统 Grounding System	符合IEC 6364-5-54 标准要求 Complies with IEC 6364-5-54 standard requirements

轴视图:

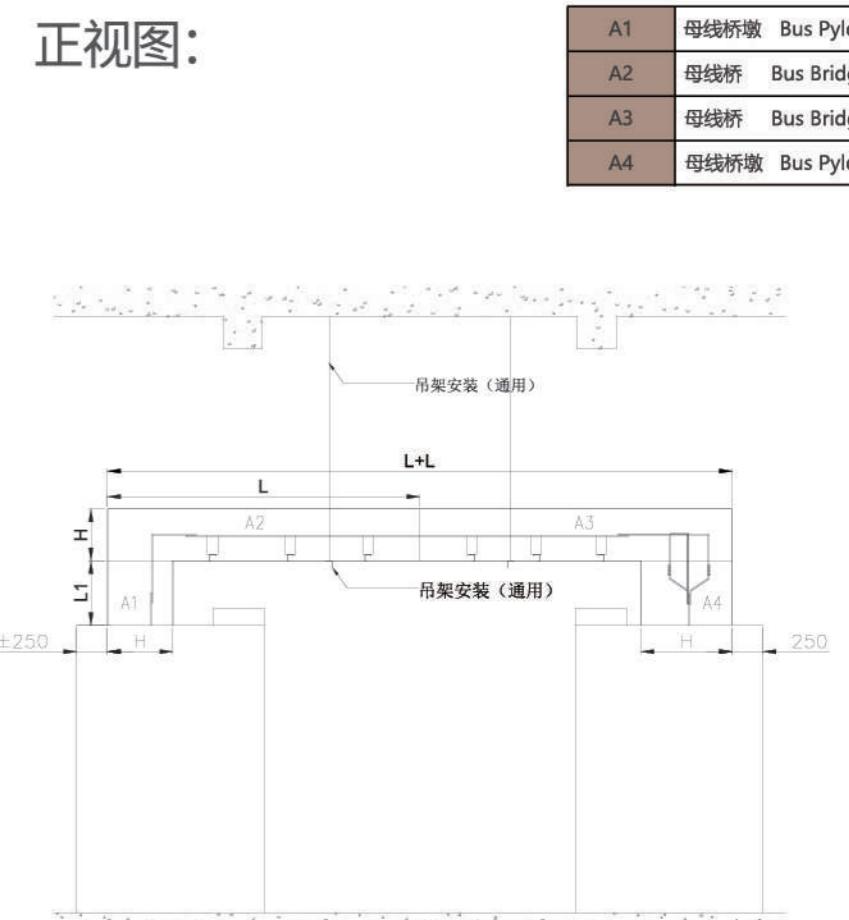


尺寸规格表:

额定电压 (kV) Rated Voltage	3.15	6.3	10.5	20
绝缘等级 (kV) Insulation Rating	18/40	23/60	35/75	50*125
额定电流(A) Rated Current	外形尺寸 (LmmxHmm)			
	1000~1600	800x500	1200x560	1200x560
	2000	800x500	1200x560	1200x560
	2500	800x500	1200x560	1200x560
	3200	800x500	1200x560	1200x560
	4000	800x500	1200x560	1200x560

注: 支持其他规格定制
Note: Other specifications can be customized.

正视图:



Parameter notes

Parameter notes