



CANTAL



HENIKWON

Henikwon Corporation Sdn. Bhd.

Premium Power, Ultimate Reliability



COMPANY OVERVIEW

Established in 1987, Henikwon Corporation Sdn. Bhd. has been a pioneering force in electrical equipment industry, specializing in the engineering and manufacturing of low voltage and medium voltage electrical power distribution systems.

We are proud to be one of the select busduct manufacturers with end-to-end 3 acres of in-house manufacturing capabilities based at Subang Jaya, Selangor, Malaysia.



Henikwon has established a strong global presence, exporting 80% of our products to 40+ countries worldwide while serving 20% of the local market. Our installed base includes low and medium voltage busducts at over 1500 sites across four continents, reflecting more than 30 years of experience and engineering excellence.



Strong presence across Asia (Southeast Asia, East Asia, South Asia), Middle East, and not less than 40+ countries.



Continuous investment in R&D and advanced manufacturing processes (epoxy insulation, automated coating, precision casting).



Recognised by international certifications and compliance standards.

COMPANY OVERVIEW

In 2023, Henikwon became part of Cantal United Group, a strategic move that expanded our technological capabilities and global footprint. This acquisition has positioned Henikwon as a leading player in advanced busway solutions, enabling us to deliver cutting-edge, custom-engineered systems to mission-critical infrastructure worldwide.



Henikwon are dedicated to providing top-tier products and customised solutions that ensure durability, reliability, and seamless power distribution across a wide range of applications. With power distribution being the backbone of modern infrastructure, our mission is clear:



Practical engineering knowledge and deep understanding of real-world project demands

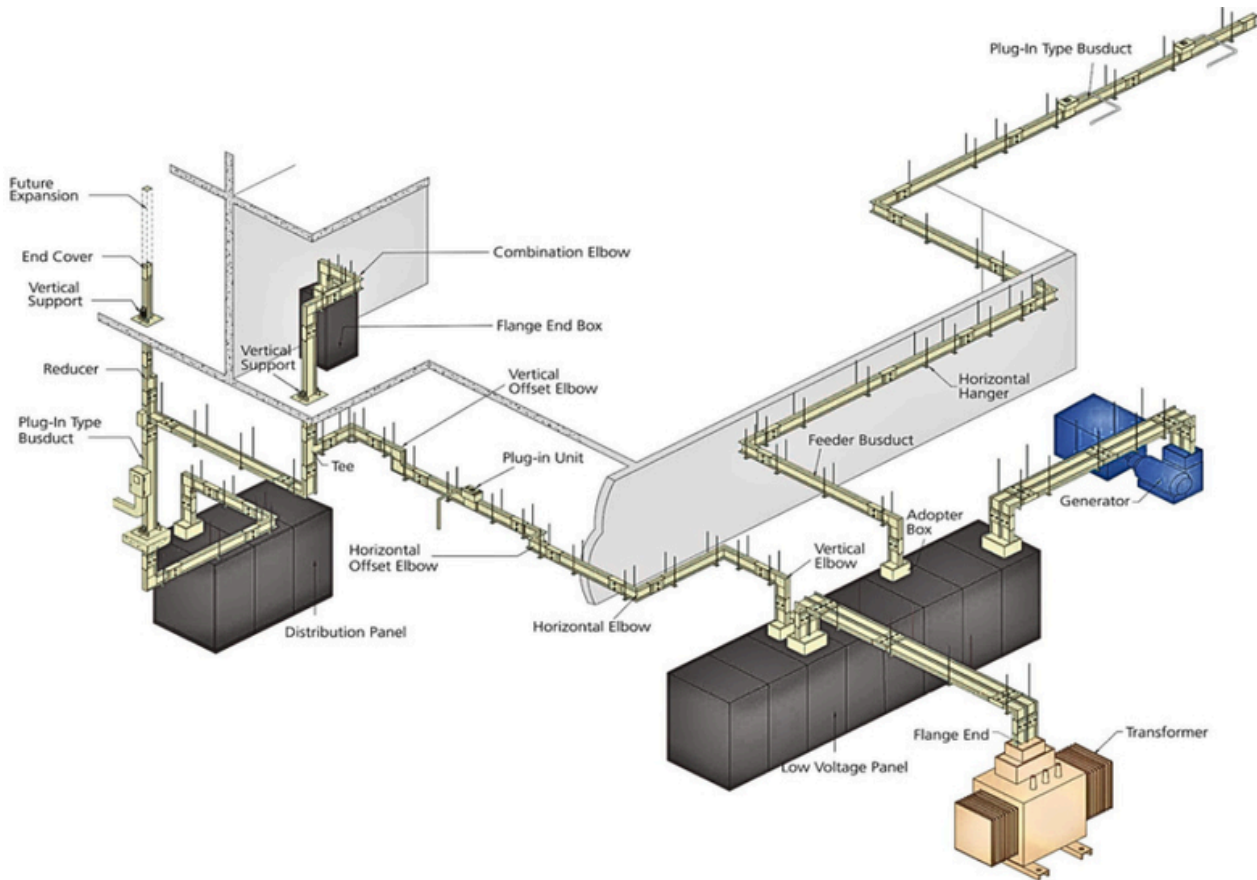


Continual focus on R&D to deliver optimized busducts — type-tested and conforms to international standards



Maintain customer-first values while ensuring technical excellence in every solution we provide

BUSDUCT OVERVIEW



BUSDUCT FEATURES



Flexibility

Versatility and scalability for modification due to the nature of modular design.



Faster installation

Reduced on-site installation time compared to the labour-intensive process of cable system thus leading to cost-saving.



Enhanced reliability

Sturdy design and connections of busduct systems also lead to lower voltage drops and increased reliability, especially in short-circuit situations.



Space efficiency

Busduct systems are more compact, which reduces the space required for electrical room and improves maintenance access.

BUSDUCT PRODUCT LINEUP

Advanced Power Distribution Systems for Every Application

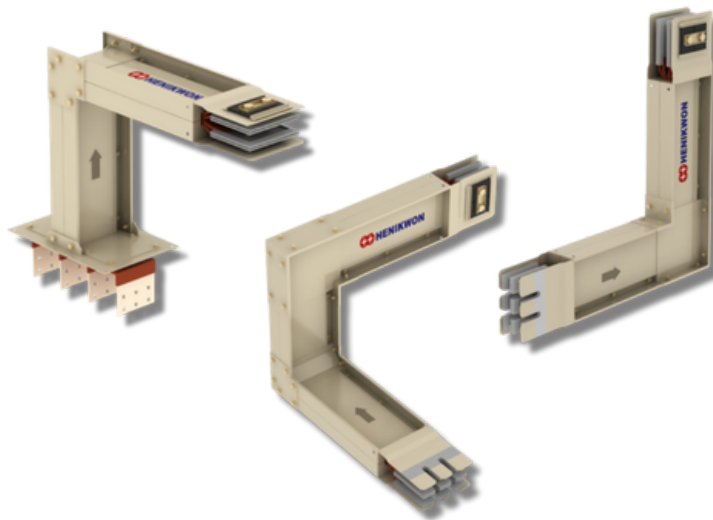
Henikwon offers a comprehensive range of busduct systems, designed to meet diverse project needs from compact indoor installations to heavy-duty outdoor industrial environments.

SCM Busduct System

At Henikwon, the SCM Busduct System is named with 'SCM' representing Simple, Compact and Maintenance-Free Design.

Sandwich construction, in the context of busduct systems, refers to a design where conductive busbars are stacked tightly together, separated by thin layers of solid insulation, then enclosed as a single, compact assembly — similar to the layers of a sandwich.

With this compact sandwich design, Henikwon busduct constructed with low impedance, naturally cooled and totally enclosed for protection against mechanical damages and dust accumulation.



Key Product Features:

- Rated 400A to 6300A
- Available in Copper & Aluminium
- IEC 60529
- ASTA Type Test
- IEC 61439-6 & IEC 60331
- IEEE 693 (Seismic)

Ideally suited for:

- Residential Building
- Commercial Building
- Factories
- Shopping Complexes

BUSDUCT PRODUCT LINEUP

SCM-EX Copper Busduct System

SCM-EX Copper Busduct System — represents Henikwon's Epoxy Coating Technology for superior protection. 99.99% Copper busbar is Tin/Silver Plated with epoxy compound insulation, which will prevent reduction in dielectric resistance. At its core, it features Class-F (155 degree celsius) epoxy insulation using the fluidized bed process, ensuring superior protection against moisture ingress, dust accumulation, both thermal and mechanical shocks.

For safety compliance, SCM-EX Copper Busduct certified and complied rigorous international safety standards. It also rated for high mechanical load and impact resistance exceeding IK10. It is validated to maintain structural and electrical integrity during and after seismic events.

Designed for power-intensive, safety-critical, and harsh-environment applications — from petrochemical facilities and seismic-active area to high-rise buildings.



Key Product Features:

- Rated from 400A to 6300A
- Indoor Protection: IP54
- Outdoor Protection: IP65
- Certified by UL
- IEC 61439-1
- IEC 61439-6
- IEEE 693 (Seismic)
- Corrosion resistant finish available up to C5-M as per ISO12944

Ideally suited for:

- Data Centres
- High-Rise Buildings
- Mission-Critical Facilities
- Educational Institutes/ Lab

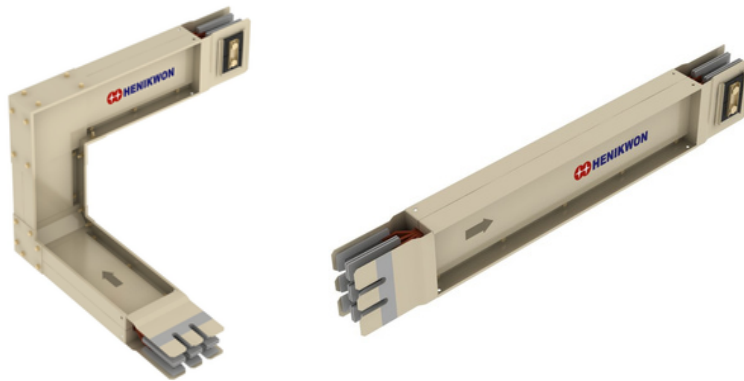
BUSDUCT PRODUCT LINEUP

SCM ALUMINIUM Busduct System

The SCM ALUMINIUM Busduct System is meticulously engineered to deliver exceptional conductivity, durability, and safety in demanding environments. At the heart of its design is a 99.60% high-purity Aluminium busbar, of which the joints are Tin/Silver plated for better conductivity. This precision treatment minimizes contact resistance, significantly enhances electrical conductivity, and ensures long-term thermal stability.

It features a Class-F (155°C) epoxy insulation, applied using an advanced fluidized bed coating process. This coating process not only ensures high thermal endurance, dielectric strength, and protection against moisture/dust but also extends the operational lifespan of the system.

Whether deployed in high-rise buildings or manufacturing plants, the SCM ALUMINIUM Busduct System delivers a robust, future-ready infrastructure backbone that prioritizes uptime, safety, and operational efficiency.



Key Product Features:

- Rated from 400A to 6300A
- Indoor Protection: IP54
- Outdoor Protection: IP65
- Certified by ASTA
- IEC 61439-1
- IEC 61439-6
- IEEE 693 (Seismic)
- IEC 60331/ BS 6387
- Corrosion resistant finish available up to C5-M as per ISO12944

Ideally suited for:

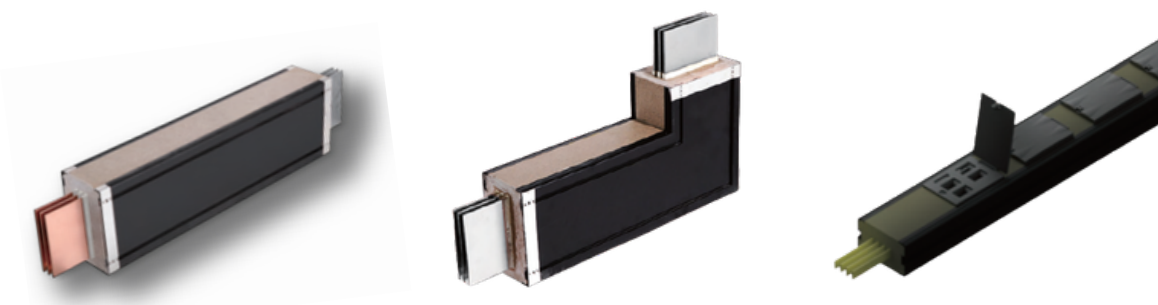
- Residential Buildings
- Commercial Tower
- Educational Institutes/ Lab
- Manufacturing Plant

BUSDUCT PRODUCT LINEUP

Cast Resin Busduct System

Unlike traditional busways, this Cast Resin Busduct utilizes rock insulation casting technology — representing the pinnacle of safety, durability, and excellent heat dissipation. It is constructed by fully encapsulating high-conductivity Copper or Aluminum conductors in a specially formulated compound of epoxy resin and volcanic rock materials.

This unique "rock-like" solid insulation structure renders the busduct maintenance-free and highly resilient. This cast resin design inherently offers superior protection — fire resistant 950°C for 3 hours, ensuring uninterrupted power distribution against the harshest environmental conditions — corrosion (salt spray) and chemical vapors making it ideal for coastal installations, and petrochemical plants.



Key Product Features:

- Rated 400A to 5000A
- Available in Copper & Aluminium
- Outdoor Protection: IP66 - IP68
- ASTA Type Test
- Cast Resin LV: 1kV
- Cast Resin MV: 3.3kV - 24kV
- Data Hall Busway: 1kV
- IEC 60331/ BS 6387
- IEC 61439-1 & IEC 61439-6
- IEC 62271-1 & IEC 62271-200
- Available in Low Voltage (LV), Medium Voltage (MV) and Data Hall Busduct System

Ideally suited for:

- Oil & Gas Platforms
- Petrochemical Refineries
- Nuclear Power Plants
- Heavy Industrial Facilities

HIGHBAR Busduct System

Our HIGHBAR Busduct System is a non-segregated phase busduct (NSPB) designed for heavy-duty and high-current industrial applications. It is fully enclosed and non-ventilated. We offers enclosures rated IP65 for high mechanical loads and impact resistance exceeding IK08.

Our enclosures are manufactured in-house by high precision CNC turrets and presses. The enclosures also fluidized bed epoxy coated for corrosive and humid environments. Our highbar comes with an Aluminium base and Steel side/top enclosures. Full Aluminium and Stainless Steel variants are also available upon request.

Key Product Features:

- Rated from 400A to 6300A
- High Bar LV: 1kV
- High Bar MV: 3.3kV - 36kV (up to 4000A)
- Indoor Protection: IP54
- Outdoor Protection: IP65
- Certified under IEC 62271-200 & IEC 61439-6
- Environmental testing - IEC 60068-2-6:2007: Vibration (sinusoidal)
- Space Heater and Thermostats pre-fit with Marshalling Box
- Corrosion resistant finish available up to C5-M as per ISO12944

Ideally suited for:

- Water Treatment Plant
- Power Plant
- Outdoor Installation
- Oil & Gas Plant



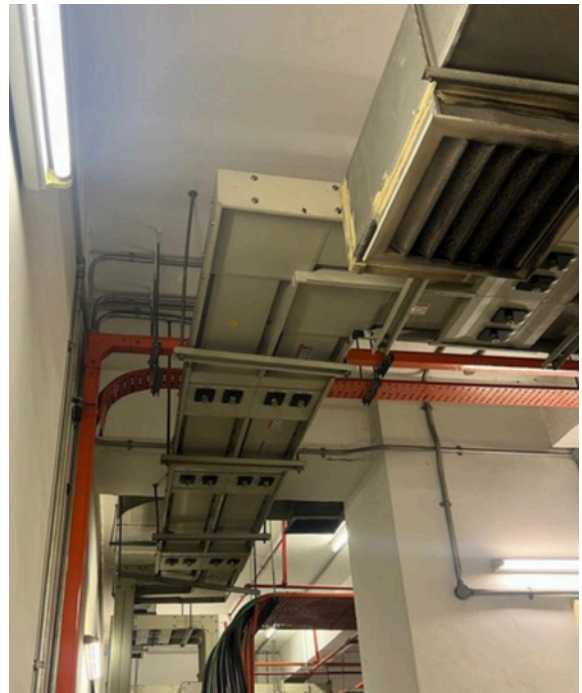
APPLICATION

The modular design of Henikwon busduct systems is engineered to ensure safety, efficiency, and easy installation across all application types.

This enables reliable performance in diverse environments — from indoor to outdoor — and across a wide range of applications, including commercial buildings, industrial facilities, and mission-critical infrastructure such as data centers.

Indoor Application

- ✓ Ideal for high-rise buildings, commercial complexes and office towers where compact design, aesthetic appearance, and low maintenance are essential.
- ✓ The fully encapsulated structure ensures high safety and minimizes electromagnetic interference within confined spaces.



Outdoor Application

- ✓ Designed to withstand harsh environmental conditions such as heat, humidity, and rain exposure.
- ✓ The IP65 rated enclosure and Class-F epoxy insulation provide excellent protection against corrosion, moisture, and dust ingress.

Data Center Application

- ✓ Developed for mission critical data centers where continuous power reliability and minimal energy loss are vital.
- ✓ Henikwon busduct systems support high current capacity, low heat generation, and flexible tap-off configurations to meet dynamic IT infrastructure demands.



PRODUCT PORTFOLIO

Henikwon's comprehensive product line covers low-voltage, medium-voltage, and customised busduct solutions to meet the evolving needs of modern industries, let it be mission critical infrastructure, commercial tower or residential building.



SCM-EX
Copper Busduct System

High electrical conductivity with exceptional durability. Reliable protection against water and dust ingress.



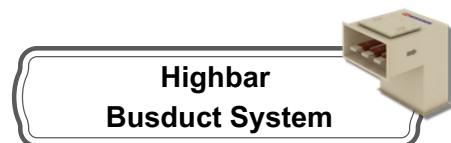
SCM ALUMINIUM
Busduct System

High performance system with exceptional value. Available as a fully customized solution.



Cast Resin
Busduct System

Used for demanding applications such as high fire risk zone and harsh environmental conditions - corrosion (salt spray), chemical vapors, and coastal area.



Highbar
Busduct System

Engineered for interconnecting group of switchgear, transformer and other related equipments with advanced safety features.

POWER MONITORING SOLUTION



Smart Energy Management for Modern Facilities

Henikwon busduct systems can be integrated with advanced power monitoring solutions to ensure precise energy management, preventive maintenance, and operational efficiency.

Our monitoring system provides real-time measurement, data logging, and remote access, allowing facility managers to maintain full control over power distribution performance.

POWER MONITORING SOLUTION

Real Time Monitoring :

Continuously measures current, voltage, power factor, and energy consumption for each circuit or tap-off unit.



Intelligent Communication:

Supports Modbus, BACnet, or Ethernet protocols for seamless integration with Building Management Systems (BMS) and SCADA platforms.



Data Analytics & Reporting:

Automatic logging of performance data enables predictive maintenance and energy optimization across facilities.



User Friendly Interface:

Touchscreen display or web-based dashboard for easy monitoring and control, accessible from PCs or mobile devices.



Enhanced Reliability:

Early detection of abnormal loads or temperature rise helps to prevent failures and reduce downtime.



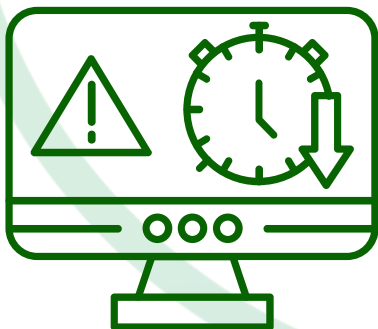
Why Energy Management is Important:



Improves energy efficiency and cost savings



Supports sustainability and ESG reporting initiatives



Reduce downtime needed for maintenance



Enhance safety level and operational transparency

WHY CHOOSE US



Customer First

Solutions designed with clients at the core, from design to after-sales support.



Global Standards

Products tested and certified internationally for worldwide compliance.



Engineering Expertise

Over 40 years of experience, with ongoing investment in R&D and advanced technologies.



Trusted Partner

Reliable supplier to power plants, oil & gas, commercial towers, and hyperscale data centers.



Proven Supply Records

Success stories - installed site more than 40+ countries - across Malaysia, Middle East, Southeast Asia, Africa and etc.



Reliability & Safety

Engineered for fire resistance, seismic strength, epoxy insulation, and IP65 protection.



Customisation & Flexibility

Busduct systems tailored from 400A to 6300A, LV to MV, to fit project needs.



Comprehensive Lifecycle Support

Complete service covering design, manufacturing, testing, installation, and maintenance.



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Cantal Henikwon Busways