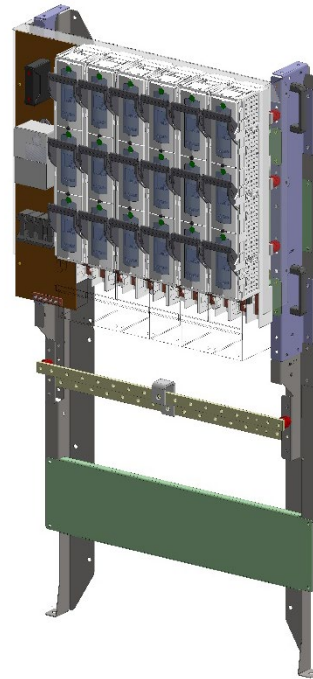


Hiko LV Wall Mount Frame

Modular, precision-built and custom built for pad, tank and/or wall mount applications

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Hiko low voltage switchgear frames for transformer and distribution applications are designed, engineered and built for safety and reliability to deliver value through the asset lifecycle.

Safety is embedded into Hiko LV switchgear frames through:

- fully insulated busbars
- generously sized high temperature rated polycarbonate transparent covers
- latest generation EFEN vertical fuse-switch disconnects (and optional circuit breakers and other arc-flash mitigating treatments)
- integral CT's, high voltage CT wiring and fully rated CT test blocks.

The Wall Mount Frame is engineered for robust, secure mounting of low voltage switchgear and related assemblies directly onto building walls or other vertical surfaces. Drawing on Hiko's proven design methodology, the Wall Mount Frame enables safe installation in under 30 minutes, minimizing site disruption and maximizing operational uptime. Its universal mounting system accommodates a wide range of installation scenarios, making it suitable for both new builds and retrofit projects.

The frame is constructed from high-grade stainless steel for superior corrosion resistance and long-term durability. Key design features—such as integrated handles, lifting eyes, and lightweight brackets—ensure ease of handling and installation.

Safe operating performance and long-term reliability are assured by our design methodology that includes mechanical, electrical and thermal modelling and testing, and our manufacturing process in line with the requirements of AS/NZS61439.1 and 61439.5.

The precisely engineered design is combined with light weight construction to support ease of installation. An almost unlimited variety is available.

Service panels are available for all frames to suit customer requirements. These can be fitted pre-wired with analogue or digital metering, MDIs, street-lighting, hot water connections and LV network monitoring systems.

Key Features

- **Universal Fit:** Compatible with a variety of switchgear and electrical assemblies.
- **Quick Installation:** Designed for safe mounting in as little as 30 minutes.
- **Stainless Steel Construction:** All frames and fixings are made from 304 stainless steel for strength and corrosion resistance.
- **Integrated Handles & Lifting Eyes:** For easy manual and mechanical handling.
- **Lightweight Brackets:** Simplify installation and reduce manual handling risks.
- **Removable Earth-Neutral Assembly:** Allows for reduced weight during installation.
- **Removable Disconnects:** Further reduces weight for safer handling.
- **Special Folded Rear Cover:** Prevents accidental contact with live terminals.
- **Customizable Covers:** Extended rear and side covers available for environments with water drip risk.
- **Polycarbonate Protective Covers:** Transparent for easy inspection, robust for safety.
- **Busbar Insulation:** Reduces the chance of internal arc flash and indicates polarity.
- **Recyclable Materials:** Stainless steel and copper components are recyclable; plastics are minimized.
- **Customizable to Network Requirements:** Options for PEN or separate Earth/Neutral connections, pre-installed CTs, and LV monitoring devices.
- **Large Designs:** Optional legs to transfer the load to the floor.

Materials

Component	Material	Comments
Frame	Stainless steel 304	Hot dip galvanized frames also available
Fixings	Stainless steel 304	
Protective covers	Polycarbonate (transparent), PVC (grey)	For accidental flashover protection
Busbar heat-shrink	Polyolefin	

Standard configurations: Wall Mounted Frame

Rating (kVA)	Busbar Size (mm)	N/E Bar Size ¹ (mm)	Incoming Isolator (A)
100-300	30 x 10	40 x 6	630
500	50 x 10		1000
750	80 x 10	50 x 10	2000
1000	100 x 10	80 x 10	2000
1500	100 x 20	80 x 20	2500 ⁴

Standard dimensions: Wall Mounted Frame

Frame Width (mm) ³	Service Panel Width (mm)	Max. Number of Feeders ²	
		With Service Panel	Without Service Panel
600	200	4	6
700		5	7
800		6	8
900		7	9
1000		8	10
1200		10	12
1500		13	15

Options

DIN-style switchgear (EFEN or third-party brand)
 Street lighting and other auxiliary supplies
 MDI's / metering / monitoring
 Other switchgear or control gear

Other literature available on request

Reports, drawings, technical data sheets, installation instructions, O&M guidelines

Notes

1. Other cross sections available on request
2. DIN2/3 fuse-switch-disconnects (max 630 A), pitch 100 mm; alternatively 2x DIN00 (max 160 A), pitch 50 mm
3. Frame width / height made to order
4. With circuit breaker