

Havells BUSBAR CHAMBER system is designed for safe, reliable & economical distribution of power to various loads as per the requirements of the system. The modular construction of the bus bar chamber provides for compact & easy add-on modules on the basic unit for system expansion (if the need be). These can be wall mounted and can also be made suitable for floor mounting by using optional pedestal set.

Range :

The busbar chambers are available for 100A/200A, 250A/315A/400A & 630A/800A current ratings with short circuit withstand capacity of 25kA, 35kA & 50kA respectively.

These are offered in 4 way, 6way & 8 way in Four Pole configuration.

Specification :

Fully application oriented as per

IS:8623/IEC 60439 (Panel sub assemblies)

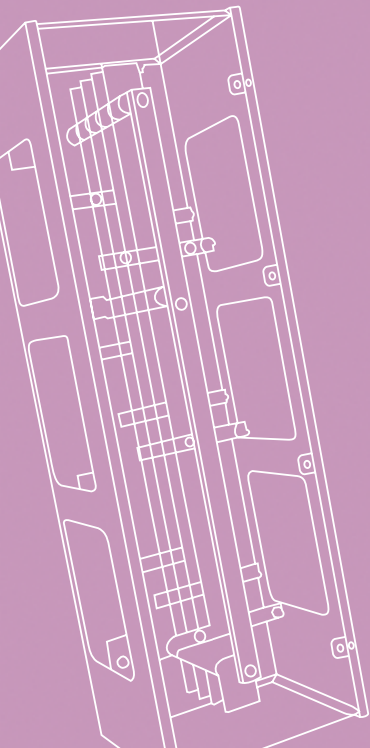
IS: 2147/IEC60529 (Degree for protection)

Application

The busbar chambers find wide application in power distribution in areas namely : • construction site • shop floor • multi-storeyed complexes • building installation etc.

Features :

- Readymade & customised solution for safe power distribution
- Modular/compact design provides economy of space and cost
- Simple and efficient system configuration
- Easy, flexible and time saving installation
- Shock proof design
- Elegant & sleek in appearance



Busbar Chamber System

Rating : 100 - 800A



Busbar Chamber System

Rating : 100 - 800A

160

Construction

The busbar chamber is fabricated using sheet steel (CRCA) of 1.6mm thickness and epoxy powder coated to give superior & lasting finish. The bus bar sections are made of ETP grade copper & dull tin plated and the bus bar supports are made of DMC (Dough moulding compound). The neutral bus bar is fully rated.

In bus bar chambers upto 200A, the bus bar layout is in a single layer (i.e. one by the side of the other & duly separated/supported on the bus bar support). Whereas in bus bar chambers of 250A / 315A / 400A / 630A / 800A, the busbar layout is in form of stack (i.e. one bus bar behind the other duly separated/supported by bus bar support). All have detachable end plates enabling them to be extended easily with the connection of another chamber. Full top and bottom end plates are detachable.

Kit comprising of connecting copper links are available for extending the busbar section in the add on module.



100A / 200A



250A / 800A

Technical Information

Frame	200A	400A	800A
Standard Conformity	IEC-60439/IS-8623 IEC-60529/IS-2147	IEC-60439/IS-8623 IEC-60529/IS-2147	IEC-60439/IS-8623 IEC-60529/IS-2147
Incoming Current Rating (A)	100,200	250,315,400	630,800
Operational Voltage - Frequency (V / Hz)	415 - 440 / 50	415 - 440 / 50	415 - 440 / 50
Insulation Voltage (V)	1000	1000	1000
Execution (No. of Poles)	FP	FP	FP
Short Circuit withstand Capacity (1 Sec., KA)	25	35	50
Outgoing (No. of Ways)	4,6,8	4,6,8	4,6,8
Degree of Protection	IP-31	IP-31	IP-31
Busbar Layout	Single layer (side by side)	Stack layer (one behind the other)	

Ordering Information

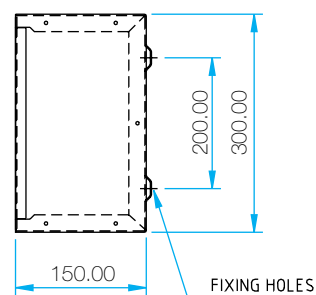
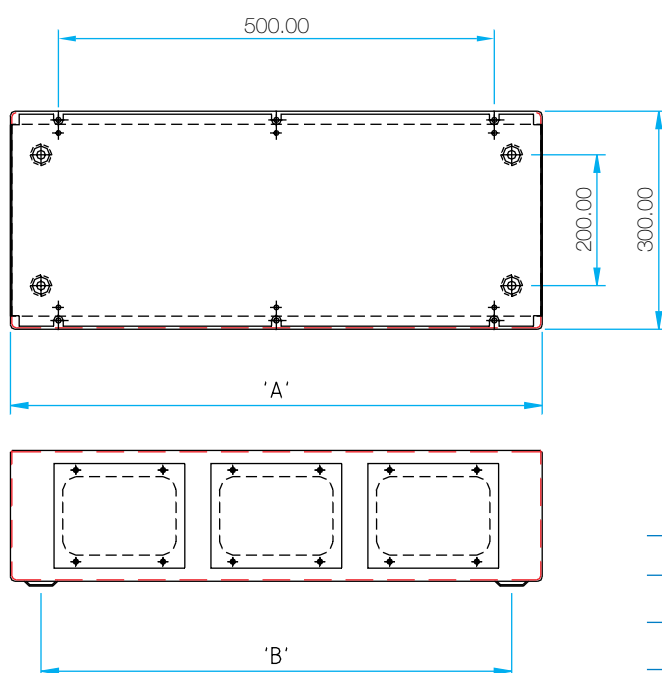
161

Current Rating	No. of ways	Cat. No. Wall Mounted
100A	4 way	IHBB010004
	6 way	IHBB010006
	8 way	IHBB010008
200A	4 way	IHBB020004
	6 way	IHBB020006
	8 way	IHBB020008
250A	4 way	IHBB025004
	6 way	IHBB025006
	8 way	IHBB025008
315A	4 way	IHBB031504
	6 way	IHBB031506
	8 way	IHBB031508
400A	4 way	IHBB040004
	6 way	IHBB040006
	8 way	IHBB040008
630A	4 way	IHBB063004
	6 way	IHBB063006
	8 way	IHBB063008
800A	4 way	IHBB080004
	6 way	IHBB080006
	8 way	IHBB080008



* Accessories - connecting copper links to extend the bus bar section in the add-on module.

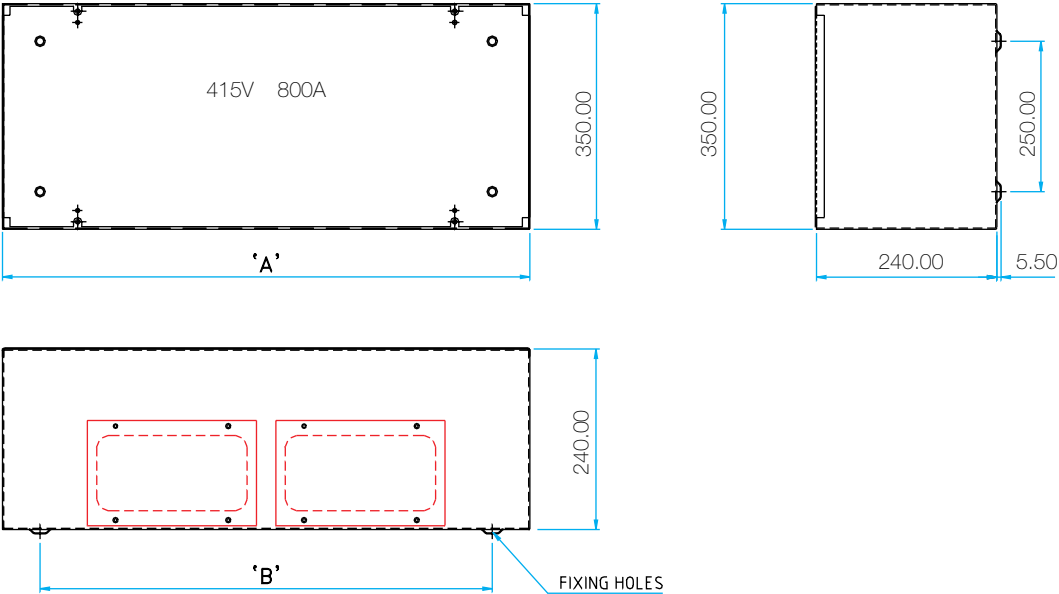
Dimension (mm) Frame - 200A



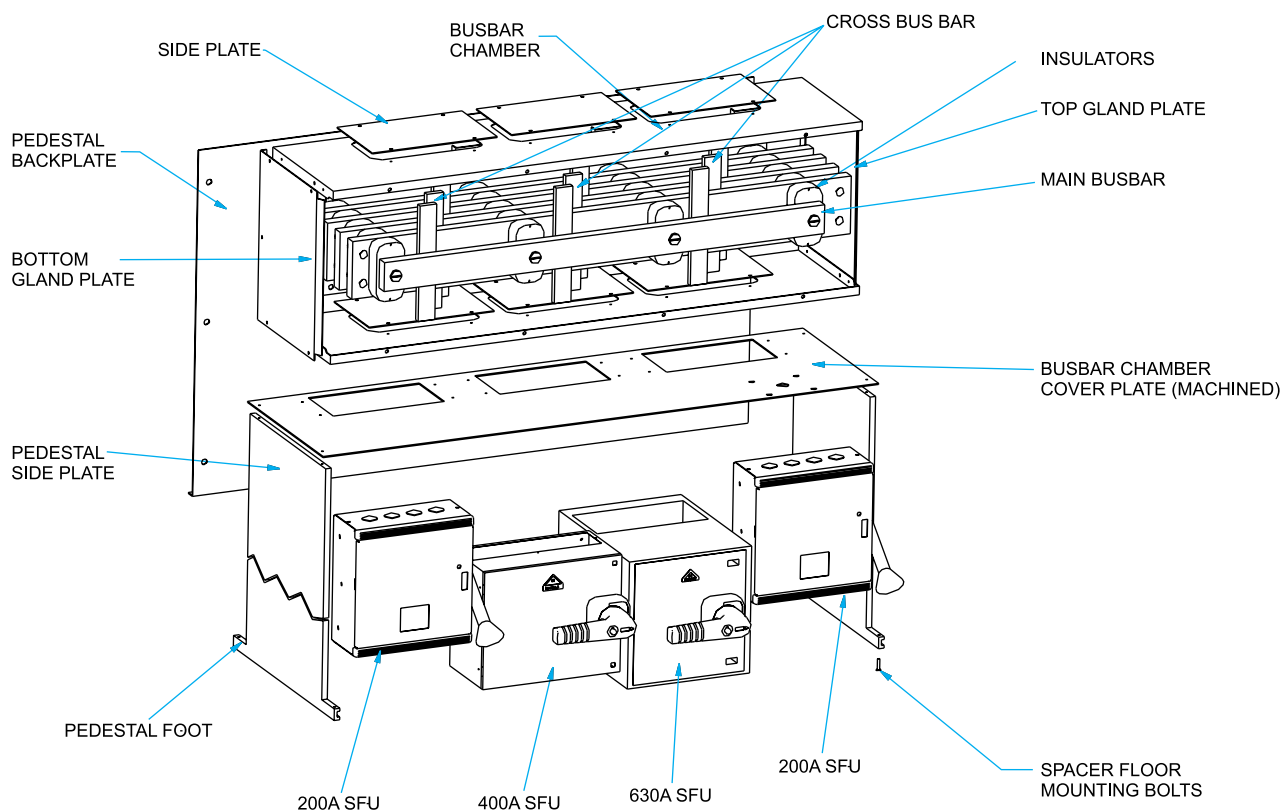
No. of Ways	Dimn. 'A'	Dimn. 'B'
4 Way TPN	450	360
6 Way TPN	630	540
8 Way TPN	810	720

Busbar Chamber System

Rating : 100 - 800A



Busbar Chamber - Main - 400A & O / G - 200A		
No. of Ways	Dimn. 'A'	Dimn. 'B'
4 Way TPN	700	600
6 Way TPN	950	850
8 Way TPN	1200	1100



*Supply of Busbar Chamber is in our scope, the mounting shown are for illustration purpose only.