P87000 (LV)

Motor Control Centre (MCC) - Up to 50kA for 3 seconds

Product Range:

P87000 is an example of B&F's low voltage (LV) range of motor control centres (MCC's).

Applications:

P87000 MCC's

Product Highlights:

* Uses standardised assemblies, with front and rear access
* Form 4, Types 2 to 7
* Arc barriers used throughout the main busbar systems
* Busbars manufactured from hard drawn high conductivity (HDHC) copper
* Standard paint finish to B&F Spec. PS/0002, polyester powder spray finish over phosphate base
* Painting to BS 4800, BS 381, or RAL

Further benefits:

* Withdrawable components available in variety of sizes, from 150mm to 600mm high, with capacities up to 200A
* All-welded rigid construction using 2.5mm sheet steel
* Top or bottom entry cable access, or front access via cableway
* Rear access via vertical chamber or individual cable boxes
* Ingress Protection - IP42/44 as standard - IP54 optional.

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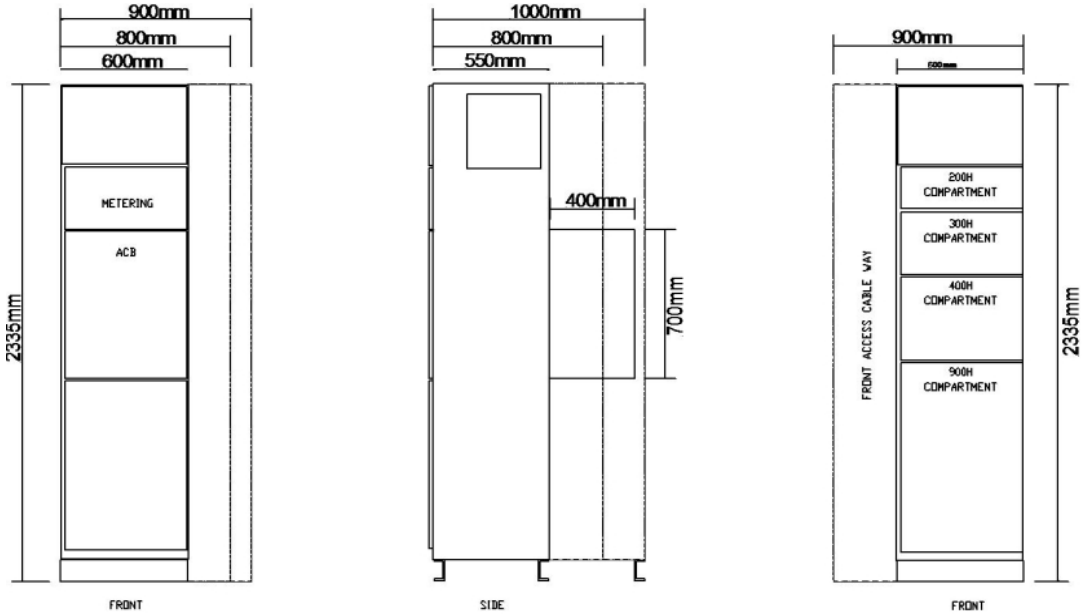

Typical Starter Sizes: Useable Tier Height 1,800m

Compartment Height	Fixed	Withdrawable
900mm	60 - 315 kW	By Arrangement
600mm	75 - 150 kW	110 kW
400mm	37 - 55 kW	75 kW
300mm	18.5 - 37 kW	55 kW
200mm	0.37 - 15 kW	30 kW
150mm	0.37 - 7.5 kW	15 kW

Type Tested Switch & Control Gear Assemblies:

EN 60439-1 LV switchgear and controlgear assemblies, Part 1Specification for type-tested and partially type-tested assemblies (PTTA)

Service Conditions: -5°C Average 40°C max 1000m ASL

Rated Operational Current :

Main Busbars - 800 / 1000 / 1600 / 2000 / 2500 / 3200 / 4000A
Dropper Bars - 800/1000
Incoming Circuit Breakers - up to 4000 A
MCCB's - up to 3000 A

Busbar systems are rated in accordance with IEC 60439-1, up to 50 kA for 1 & 3 seconds.