



CUBIC

MPI INSERT



MODULAR SYSTEM

MPI is an insert system for the installation of all types of components, switches, and fuse switches as well as MCCBs and motor starters.

As always, when you use CUBIC, the system is fully flexible for all types of components. An almost 100% component adjustment is possible, as the system is available in various combinations, widths, heights, and depths.

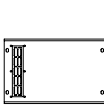
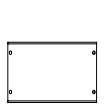

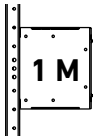
MPI is a well-documented insert system with extreme functionality and high safety for personnel. The system has been constructed in order to obtain a very rational workshop fitting is obtained, and the end product is thus an extremely competitive solution.

MPI INSERT

The MPI insert is available in 36 sizes. Various mounting plates are available, of these 28 with cuts for busbar connections.

The insert is available in three depths; a mounting bracket provides the possibility of placing the mounting plate in many different depths in steps of 8 mm.

The operation of the fitted components can take place through one big door, with front coverings if necessary, or through individual doors.

Insert/size			Mounting plate - size				
Depth	Width	Height	Width	Height			
	2M	1M	298 mm	190 mm	X	X	
	2M	1.5M	298 mm	286 mm	X	X	
	2M	2M	298 mm	382 mm	X	X	X
	2M	3M	298 mm	574 mm	X	X	X
	2M	4M	298 mm	766 mm		X	
	3M	1M	490 mm	190 mm	X	X	
	3M	1.5M	490 mm	286 mm	X	X	
	3M	2M	490 mm	382 mm	X	X	
	3M	3M	490 mm	574 mm	X	X	X
	3M	4M	490 mm	766 mm		X	X
	4M	1M	682 mm	190 mm		X	
	4M	2M	682 mm	382 mm	X	X	
	4M	3M	682 mm	574 mm	X	X	
4M	4M	682 mm	766 mm		X		

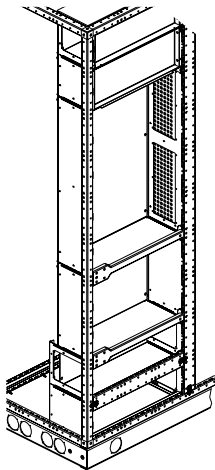
The MPI insert can function as busbar covering and complies with the requirements to Form 1, 2, 3, and 4, and an internal separation higher than IP3X can be obtained.

The MPI insert can be loaded with up to 50 kg.

	2M	1M	298 mm	190 mm	X	X	
	2M	1.5M	298 mm	286 mm	X	X	
	2M	2M	298 mm	382 mm	X	X	X
	2M	3M	298 mm	574 mm	X	X	X
	2M	4M	298 mm	766 mm		X	
	3M	1M	490 mm	190 mm	X	X	
	3M	1.5M	490 mm	286 mm	X	X	
	3M	2M	490 mm	382 mm	X	X	
	3M	3M	490 mm	574 mm	X	X	X
	3M	4M	490 mm	766 mm		X	X
	4M	1M	682 mm	190 mm		X	
	4M	2M	682 mm	382 mm	X	X	
	4M	3M	682 mm	574 mm	X	X	
4M	4M	682 mm	766 mm		X		

	2M	1.5M	298 mm	286 mm	X	X	
	2M	2M	298 mm	382 mm	X	X	X
	2M	3M	298 mm	574 mm	X	X	X
	3M	1.5M	490 mm	286 mm	X	X	
	3M	2M	490 mm	382 mm	X	X	
	3M	3M	490 mm	574 mm	X	X	X
	4M	2M	682 mm	382 mm	X	X	
	4M	3M	682 mm	574 mm	X	X	

TECHNICAL DATA



MATERIAL/BASIC TREATMENT:

Galvanized or iron-phosphated steel plate

Surface/colour:

Powder-lacquered, colour RAL 7035

STANDARD AND APPROVALS:

IEC/EN 61439-2, DEKRA, The Netherlands

DNV/GL and Russian Maritime Register of

Shipping.

RATED VOLTAGE (U_e):

Up to 1000 V; 50 Hz

Test voltage:

Up to 3,5 kV

MAIN BUSBAR:

(Horizontal busbars)

RATED CURRENT:

Up to 6000 A

SHORT-TIME WITHSTAND CURRENT, I_{cw} :

Up to 120 kA

PEAK WITHSTAND CURRENT, I_{pk} :

Up to 264 kA

DISTRIBUTION BUSBAR:

(Vertical busbars)

RATED CURRENT:

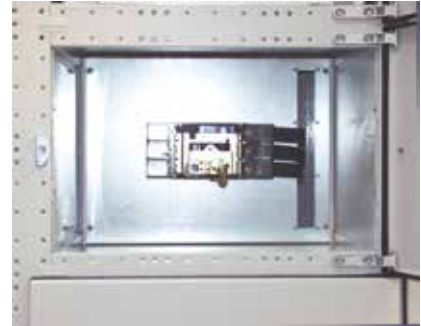
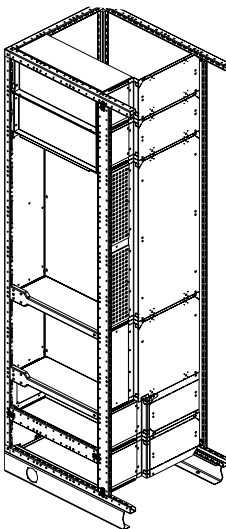
Up to 2000 A

SHORT-TIME WITHSTAND CURRENT, I_{cw} :

Up to 80 kA

PEAK WITHSTAND CURRENT, I_{pk} :

Up to 176 kA



Worldwide solutions

CUBIC is founded on a unique idea of a modular system for construction of electrical panels. This idea has developed CUBIC into a global and recognised partner with a product range that comprises any type of enclosure.



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