

Module Carrier

MDM 011, 021, 031 and 041



The module carrier MDM serves as a mount for the individual modules of the MDD 100 drive system in the control cabinet.

Each module carrier consists of an aluminum carrier and a bus circuit board for the electrical connection between the axis modules and power supply module.

For the highest possible flexibility and to optimize the control cabinet space, the module carrier is available for a power supply module and 1, 2, 3 or 4 axes modules.

MDM 011-0, 021-0, 031-0 and 041-0 have a connection for an external regen resistor.

		MDM 011	MDM 021	MDM 031	MDM 041
Rated Data					
Ballast resistor power *)	W	30	50	50	70
Internal ballast resistance	Ω	100		33	
Number of axis modules		1	2	3	4
Dimensions					
Height	mm	187.5			
Width	mm	120	180	240	300
Depth	mm	18			
Weight	kg	0.6	0.8	1	1.2
Article Number					
		09-402-011	09-402-021	09-402-031	09-402-041
External regen resisto		09-402-011-0	09-402-021-0	09-402-031-0	09-402-041-0

*) The wattage of the regen resistor is calculated for a mounting plate size in the control cabinet. Thereby, a size of $0.5 \text{ m} \times 0.5 \text{ m} = 0.25 \text{ m}^2$ is required. If a smaller size is used, the wattage of the ballast resistor has to be reduced using the following formula:

$$P_{\text{regen_red}} = A_{\text{mp}} / 0.25 \text{ m}^2 * P_{\text{regen_max}}$$

P_regen_max: Value given from the table
A_mp: Mounting plate size in m^2
P_regen_red: Reduced value for the ballast power

Notes

