

# MATRIX MOTORS ENDSTATIONS

Matrix\_Motors-Endstations-D-AL25090

	Input				Output					Motor(s) suited								Model		
	Module bus communication	0-10 Volt	Open / Close	Supply voltage (50Hz)	Potentiometer	0-10 Volt	Open / Close	Power supply	Max. load (per output)	Belimo LM24A-SR	EGM-100CA	EGM-100P	EGM-250CA	EGM-250P	STW-300V-TB / STW-300C	STW-24V-300C	ELM-150V-TB / ELM-150C	ELM-100-2A / ELM-250-2A	In housing (cabinet)	Built-in (panel mount)
SEW-1			V	230VAC			V	230VAC	2A						1		1	1	V	V
MS-10(-i)		V		230VAC	V		V	230VAC	2A						1		1	1	V	V
SAV-1(-i)		V		230VAC		V		24VAC	24VA		1								V	V
SAV-2		V		230VAC		V		24VAC	25VA		1+1								V	
AMS-1A		V		230VAC		V		24VAC	60VA		1		1						V	
HB-10		V		230VAC		V		24VAC	6VA	1									V	
DMS-230-1-P	V			230VAC	V		V	230VAC	2A						1			1	V	
DMS-230-2-P	V			230VAC	V		V	230VAC	2A						1+1		1+1	1+1	V	
DMS-230-3-P	V			230VAC	V		V	230VAC	2A						1+1+1		1+1+1	1+1+1	V	
DMS-24-1-P	V			230VAC	V		V	24VAC	1A										V	
DMS-24-2-P	V			230VAC	V		V	24VAC	2A			1+1		1+1					V	
DMS-24-1-A	V			230VAC		V		24VAC	20W		1								V	
DMS-24-2-A	V			230VAC		V		24VAC	20W		1+1								V	
DMS-24-2-CA	V	V		230VAC				24VAC	40W		1+1		1+1						V	
DMS-24-AM	V			24VAC/VDC		V		24VAC	4A		1		1							V
DMS-24-PLM	V			24VAC/VDC	V		V	24/230VAC	4A (230VAC)				1							V
DMS-230-PLM	V			230VAC	V		V	230VAC	4A						1		1			V
DMS-PME	V			N/A	V		V	24/230VAC	4A (230VAC)		1		1		1		1			V

	Supply voltage (50Hz)	Max. load	2 shafts	Nominal tensile force	Max. tensile force	Shaft torque	Stroke length (min. - max.)	Speed	Potentiometer feedback	0-10Vdc signal with position feedback	Limit switches (max. revolutions)	Valve control	Curtain control	Gear rack drive	Best suited for
EGM-100CA	24V AC/DC	50VA		1000N			13-70cm	6-13 cm/min.		V	5,25	V			
EGM-100P	24V AC/DC	30VA		1000N			13-70cm	6-13 cm/min.	V		5,25	V			
EGM-250CA	24V AC/DC	60VA		2500N			15-80cm	5-11 cm/min.		V	5,25	V			
EGM-250P	24V AC/DC	60VA		2500N			15-80cm	5-11 cm/min.	V		5,25	V			

	Supply voltage	Max. load	2 shafts	Nominal tensile force	Max. tensile force	Shaft torque	Stroke length (min. - max.)	Speed	Potentiometer feedback	0-10Vdc signal with position feedback	Limit switches (max. revolutions)	Valve control	Curtain control	Gear rack drive	Worm gear			
															1 thread	2 threads	3 threads	5 threads
ELM-150V-TB	230V AC	0,7A		500kg	150Nm	8-83cm	1 rpm	V			6	V			58-83cm	26,5-83cm	17-83cm <sup>1</sup>	8-49cm
ELM-150C	230V AC	0,7A		500kg	150Nm	18-218cm	1 rpm	V			12		V		63-218cm	36-132cm	27-81cm <sup>1</sup>	18-50cm
ELM-100-2A	230V AC	1,1A	V	335kg	100Nm	1-9,5 rev.	2,5 rpm	V			18			V	3-9,5 rev.		1-5 rev.	1-3,5 rev. <sup>1</sup>
ELM-250-2A	230V AC	1A	V	800kg	250Nm	1-9,5 rev.	1 rpm	V			6			V	3-9,5 rev.		1-5 rev.	1-3,5 rev. <sup>1</sup>

	Supply voltage	Max. load	2 shafts	Nominal tensile force	Max. tensile force	Shaft torque	Stroke length (min. - max.)	Speed	Potentiometer feedback	0-10Vdc signal with position feedback	Limit switches (max. revolutions)	Valve control	Curtain control	Gear rack drive	Gear ratio							
															16-60	20-55	30-45	36-40	40-36	45-30		
STW-300V-TB	V AC (50/60Hz)	2A	V	500kg	300Nm	19-116cm	1,4 rpm	V			6	V										
STW-300C	230V AC	2A	V	750kg <sup>2</sup>	300Nm	17-318cm	1,4 rpm	V			20		V									
STW-24V-300C	24 VDC	6A	V	500kg	300Nm	17-318cm	1,4 rpm	V			20		V									

<sup>1</sup> Standard equipped

<sup>2</sup> The STW-300C (230V) may be loaded with 750 kg in total, this must be divided over 2 axes.