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	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 21.15.30	V			230VAC	V		V	230VAC	2A						1	1	1	V	
DMS-230-2-P 21.15.31	V			230VAC	V		V	230VAC	2A						1+1	1+1	1+1	V	
DMS-230-3-P 21.15.32	V			230VAC	V		V	230VAC	2A						1+1+1	1+1+1	1+1+1	V	
DMS-24-1-P 21.15.60	V			230VAC	V		V	24VAC	1A			1		1				V	
DMS-24-2-P 21.15.61	V			230VAC	V		V	24VAC	2A			1+1		1+1				V	
DMS-24-1-A 21.15.80	V			230VAC		V		24VAC	20W		1							V	
DMS-24-2-A 21.15.81	V			230VAC		V		24VAC	20W		1+1							V	
DMS-24-2-CA 21.15.70	V	V		230VAC		V		24VAC	40W		1+1		1+1					V	
DMS-24-AM 21.10.42	V			24VAC/VDC		V		24VAC	4A		1		1						V
DMS-24-PLM 21.10.45	V			24VAC/VDC	V		V	24/230VAC	4A (230VAC)			1		1					V
DMS-230-PLM 21.10.46	V			230VAC	V		V	230VAC	4A						1	1	1		V
DMS-PME 21.10.44	V			N/A	V		V	24/230VAC	4A (230VAC)			1		1	1	1	1		V

												Best suited for		
	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. revelations)	Valve control	Curtain control	Gear rack drive
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		

															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 [1]	8-49cm
ELM-150C	230V AC	0,7A			500kg	150Nm	18-218cm	1 rpm	V		12		V		63-218cm	36-132cm	27-81cm [1]	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. [1]
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. [1]

															Gear ratio					
															16-60	20-55	30-45	36-40	40-36	45-30
STW-300V-TB	230V AC (50/60Hz)	2A	V		500kg	300Nm	19-116cm	1,4 rpm	V		6	V				19-116cm [1]	19-80cm [1]	19-59cm [1]	19-44cm [1]	19-29cm [1]
STW-300C	230V AC	2A	V		750kg [2]	300Nm	17-318cm	1,4 rpm	V		20		V		38-318cm [1]	27-208cm [1]	17-113cm [1]	17-87cm [1]	17-63cm [1]	17-45cm [1]
STW-24V-300C	24 VDC	6A	V		500kg	300Nm	17-318cm	1,4 rpm	V		20		V		38-318cm [1]	27-208cm [1]	17-113cm [1]	17-87cm [1]	17-63cm [1]	17-45cm [1]

[1] Standard equipped

[2] The STW-300C (230V) may be loaded with 750 kg in total, this must be divided over 2 axles.

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