

ELECTROMEN Motor Controllers

Type	4 Quadrant	2 Directions	Adjustable Current Limit	Ramp Function	Fixed Speed	Load Compensation	Brake	Positioning Control	Internal Speed Potentiometer	Internal Oscillator	Microstepping	Front Mounting	Housing for DIN Rail Mounting	DIN Rail Mountable EM-KP72-31.25	DIN Rail Mountable EM-KP72-42.5	DIN Rail Mountable EM-KP72-65	DIN Rail Mountable EM-KP72-87.5	DIN Rail Mountable EM-KP107-90	DIN Rail Mountable EM-KP107-107	Mounting Adapter for EM-KJ-WAGO	Footprint [mm]	Nominal Voltage [VDC]	Nominal / Maximum Current [A]	RoHS-Compliant	
Speed Controllers for DC Motors																									
EM-12A		x	x	x													x				72x87	18-30	8/15		
EM-28		x	x		2	x	x										x				72x87	12-32	3/6	x	
EM-67		x	x	x	2	x										x					72x65	20-34	3/5	x	
EM-76									x			x									33x40	12-32	3	x	
EM-101	x	x	x	x	2	x	x										x				73x89	20-34	3/4	x	
EM-101-BI	x	x	x	x		x	x										x				73x89	12-34	4/5	x	
EM-115	x	x	x	x	2	x													x		107x107	12-36	25/50	x	
EM-115-48	x	x	x	x	2	x													x		107x107	20-60	25/50	x	
EM-140A		x	x	x											x						73x43	11-35	8/10		
EM-170		x	x	x	1				opt											x	60x60	15-32	1,5/2	x	
EM-174A		x	x	x		x										x					73x65	12-32	8/12	x	
EM-175			x	x		x	x								x						73x43	12-32	10/15	x	
EM-176	x	x	x	x		x	x									x					73x65	12-35	10/15	x	
EM-180		x	x	x											x						73x43	12-32	10/15	x	
EM-185			x			x			x			x									30x38	12-24	3/6	x	
EM-213				x																	73x43	10-35	10/15	x	
EM-231																					130x130	230 V AC	1,5/3	x	
EM-239		x	x	x	Parallel Driver for Two Actuators																	72x78	12-35	2x10/20	x
EM-241A		x	x	x	2				x						x						72x42	10-35	15/30	x	
EM-243A		x	x	x	2	x															107x73	10-40	50/100	x	
EM-282		x	x	x	2	x	x														180x122	12-42	100/200	x	
EM-285		x	x			x						x									32x49	10-35	20/30	x	
EM-236	Interface for EM-239, EM-241A, EM-243A																								
Speed Controllers for BLDC Motors																									
EM-106		x	x				x										x				73x87	12-36	5/8		
EM-151B		x	x	x			x											x			108x91	12-32	20/40		
EM-206		x	x				x										x				73x89	12-36	10/15		
EM-206-48		x	x				x										x				73x89	20-56	5/7		
EM-240		x	x	x					opt												60x60	12-35	1,5/2	x	
Stepper Motor Controllers																									
EM-121		x	x	x					x	x						x					72x65	12-40	0,25-1	x	
EM-136		x	x	x					x	x							x				72x87	12-45	0,5-4		
EM-186		x	x	x					x	x								x			90x107	15-42	1-8	x	
EM-186-72		x	x	x					x	x								x			90x107	20-80	0,8-5	x	
Positioning Drivers for DC Motors																									
EM-143-S	x		x					x								x					72x65	12-32	4/14		
EM-160	x		x					x										x			72x88	12-32	12/25		
EM-165			x					x						x							73x32	12-32	5/12		
EM-165pf			x					x						x							73x32	12-32	5/12		
EM-167			x					x	x			x									39x39	12-32	4/15	x	

ELECTROMEN Power Controllers

Type	4 Quadrant	2 Directions	Adjustable Current Limit	Ramp Function	Fixed Speed	Load Compensation	Brake	Positioning Control	Internal Speed Potentiometer	Internal Oscillator	Microstepping	Front Mounting	Housing for DIN Rail Mounting	DIN Rail Mountable EM-KP72-31.25	DIN Rail Mountable EM-KP72-42.5	DIN Rail Mountable EM-KP72-65	DIN Rail Mountable EM-KP72-87.5	DIN Rail Mountable EM-KP107-90	DIN Rail Mountable EM-KP107-107	Mounting Adapter for EM-KJ-WAGO	Footprint [mm]	Nominal Voltage [VDC]	Nominal / Maximum Current [A]	RoHS-Compliant
24 V DC Power Controllers																								
EM-75									x			x									30x40	12-30	3	x
EM-154													x								70x25	12-32	3	x
EM-213				x											x						73x43	10-35	10/15	x
EM-259A	Dimmer																				79x27	18-35	4	x
230 V AC Power Controllers																								
EM-162													x								90x36	190-265 V AC	1	x
EM-231																					130x130	230 V AC	1,5/3	x
EM-262													x								90x71	190-265 V AC	3	x