

Speed controllers

ERV+

- Automatic with analogue input signal
- IP54



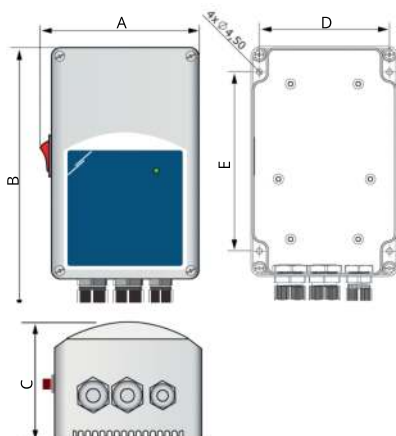
Electronic speed controllers type ERV+

Electronic speed controller with 0-10V input

Application

- This makes it possible to control these motors automatically with an external PD-controller, or remote potentiometer, or a microprocessor with analogue output

Technical Data	
Power supply, U_s	230 VAC $\pm$ 10 % - 50 / 60 Hz
Regulated output	30—100 % U_s (69—230 VAC)
Maximum load	Max. load depends on the version
Unregulated output	230 VAC / max. 2 A
Analogue input	0—10 / 10—0 VDC or 0—20 / 20—0 mA
Logic input	Timer start (min. 2.5 VDC > 30 ms)
Minimum output voltage setting, U_{min}	30—70% U_s (69—161 VAC)
Maximum output voltage setting, U_{max}	75—100 % U_s (175—230 VAC)
Off level	0—4 VDC / 0—8 mA for ascending mode 10—6 VDC / 20—12 mA for descending mode
Supply output	+12 VDC / 1 mA
Protections	Overvoltage and overcurrent
Protection standard	IP54 (according to EN 60529)
Ambient conditions	Temperature: -20—40 °C Rel. humidity: 0—80 % rH (non-condensing)



Dimensions						
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	[kg]
ERV+ 1	124	205	92	102	140	0,63
ERV+ 3	124	205	92	102	140	0,68
ERV+ 6	124	205	92	102	140	0,84
ERV+ 10	124	205	92	102	140	0,91