

Digital servo controller ARS 310



The digital servo controllers ARS 310 ensure optimal, highly dynamic operation of all brushless ENGEL motors. The equipment of the devices available with two different outputs features not only current and speed closed-loop control, but also extensive positioning and synchronization functions. Plug-in modules for analysis of all common incremental interfaces are provided as an alternative to the powerful 16-bit resolver analysis. Plug-in expansion modules allow for integration into open field-bus systems, such as CAN-open and Profibus. The device is equipped with line and output filters and designed for direct connection to 230 VAC.

Technical properties:

	ARS-310/5	ARS-310/10
Input voltage	1~ 230VAC	3~ 230VAC
Rated current	5,0 A _{eff}	10,0 A _{eff}
Peak current	10,0 A _{eff}	20,0 A _{eff}
Rated power	1,0 kW	2,5 kW
Dimensions	197 x 70 x 209 mm ³ without mounting straps	

- Extensive positioning and synchronization functions
- CAN-open and Profibus-ready as option
- Internal ballast circuit
- Output for parking brake
- 16-bit resolver interface
- Configurable digital/analogue inputs/outputs
- Simple parameter setting with WMEMOC parameterization software via RS232
- Integrated line filter
- Short-circuit proof and earth-fault proof power section

Documentation upon request