

B&R - ACOPOS P3

8EI2X2HWD10.0600-1

ACOPOS P3 Two-Axis Servo Drive

Official exact-model technical summary

Technical specifications

Product family	ACOPOS P3
Axes	2
Mains input	3 x 200 to 480 VAC +/-10%
Permitted mains systems	TN-S or TN-C-S with grounded neutral
Mains frequency	50 / 60 Hz +/-4%
Maximum installed load	5 kVA
Continuous output power	1 kW per motor connection
Continuous motor current	2.2 Aeff per motor connection
Peak motor current	6 Aeff per motor connection
Peak output power	2.5 kW
Switching frequencies	5 / 10 / 20 kHz
Maximum output frequency	598 Hz
Encoder interfaces	2 x EnDat 2.2
Motor-brake outputs	2
DC-bus capacitance	470 uF
Integrated line filter	No C3 line filter
Integrated braking resistor	Yes
Degree of protection	IP20
Dimensions	6.6 x 37.4 x 25.85 cm (W x H x D; 26.1 cm deep with 8EXA front cover)
Weight	4 kg

Documented role

B&R 8EI2X2HWD10.0600-1 is a two-axis ACOPOS P3 servo drive rated 2.2 Aeff continuous per motor connection.

It controls two compatible servo axes from one wall-mounted drive and provides two EnDat 2.2 encoder interfaces, two motor-brake outputs and one plug-in slot.

Application and verification

- Two-axis positioning in compact packaging and handling machinery
- Synchronized servo motion for paired rollers, feeders or transport axes
- Dual-axis machine control using a compatible B&R controller and POWERLINK architecture

Technical note

B&R 8EI2X2HWD10.0600-1 requires exact ACOPOS system, power, cooling, connector, cable and project matching. Record the installed configuration, observe discharge and ESD procedures, then validate diagnostics and controlled operation before returning the machine to service.