B&R - ACOPOSmulti

8BVI0055HWD0.000-1

ACOPOSmulti 2-axis Inverter Module

Technical specifications

Product family	ACOPOSmulti
Cooling and mounting	Wall mounting
Motor connections	2
Continuous power per motor connection	5.5 kW
Continuous current per motor connection	7.6 Aeff
Peak current per motor connection	18.9 Aeff
Nominal DC bus voltage	750 VDC
Continuous DC bus power consumption	11.19 kW
DC bus capacitance	330 µF
24 VDC supply input	25 VDC ±1.6%
Slots for plug-in modules	2
Nominal switching frequency	5 kHz
Maximum output frequency	598 Hz
Motor protection	Overload, short-circuit and ground-fault protection
Functional safety	Yes
Dynamic node allocation	Supported
Degree of protection	IP20
Operating temperature	5 to 40 °C nominal; 55 °C maximum with derating
Maximum installation elevation	4000 m; current derating starts above 500 m
Dimensions	5.3 × 31.7 × 26.3 cm (W × H × D)
Weight	Approximately 2.9 kg

Documented role

B&R 8BVI0055HWD0.000-1 is an ACOPOSmulti 2-axis inverter module rated 7.6 Aeff continuous per motor connection with wall mounting.

It supplies 2 independently controlled motor axes from the ACOPOSmulti DC bus and provides motor-brake, temperature-sensor, enable and trigger connections.

Application and verification

- Multi-axis machine motion on an ACOPOSmulti DC-bus system
- Synchronized servo axes in packaging, handling and production equipment
- Cabinet installations requiring wall mounting and modular feedback or I/O options

Technical note

B&R 8BVI0055HWD0.000-1 requires exact motor, feedback, power, cooling, accessory and parameter matching. Record the installed configuration and validate grounding, shielding, thermal limits, enable or safety wiring and controlled startup before returning the axis to service.