

B&R ACOPOS MOTION CONTROL SYSTEMS

Product Data Sheet

8V1180.001-2

ACOPOS servo drive

FUNCTION ACOPOS servo drive	FAMILY B&R ACOPOS motion control systems	ORIGIN Austria	WEIGHT Confirm before dispatch
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B&R 8V1180.001-2 is a ACOPOS servo drive for the B&R ACOPOS motion control systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Model Number	8V1180.001-2
Mains Input	3 × 400 to 480 V AC ±10%
Supply Frequency	50 / 60 Hz ±4%
Installed Load	17 kVA maximum
Inrush Current	13 A at 400 V
Motor Current	19 A continuous
Peak Current	50 A
Motor Power	9 kW class
Switching Frequency	5 / 10 / 20 kHz
DC Bus Capacitance	940 µF

ADDITIONAL PRODUCT DATA

Control Supply	24 V DC +25% / -20%
DC Switch-on	455 V DC
Output Frequency	598 Hz maximum
Line Filter	EN 61800-3 Category C3
Plug-in Slots	4 module slots

OFFICIAL APPLICATIONS

- Apply 8V1180.001-2 in its documented equipment: Use 8V1180.001-2 as the ACOPOS servo drive in the B&R ACOPOS motion control systems. Confirm supply frequency 50 / 60 Hz $\pm 4\%$ and the exact installed arrangement before connection.
- Preserve the switching frequency configuration: Record the product label, switching frequency (5 / 10 / 20 kHz), cable identification, grounding and adjacent hardware before removing the installed unit.
- Prove the ACOPOS servo drive under controlled conditions: After installation, verify line filter (EN 61800-3 Category C3), check diagnostics and test the affected function before returning the equipment to service.

SYSTEM COMPATIBILITY

Match 8V1180.001-2 to the installed B&R ACOPOS motion control systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[B&R 8V1180.001-2 Data Sheet V1.5](#)

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