

B&R - ACOPOSmulti**8B0K1650HW00.000-1****ACOPOSmulti Capacitor Module**

Official exact-model technical summary

Technical specifications

Product family	ACOPOSmulti
Module function	DC-bus energy buffering
DC-bus capacitance	1650 uF
Nominal DC-bus voltage	750 VDC
Charging circuit	Integrated
24 VDC supply	25 VDC +1.6% / -20%
Maximum power consumption	3 W
Mounting	Wall mounting
Module width	1
Degree of protection	IP20
Operating temperature	5 to 40 deg C nominal; 55 deg C maximum with derating
Maximum installation elevation	4000 m; derating starts above 500 m
Dimensions	5.3 x 31.7 x 26.3 cm (W x H x D)
Weight	Approximately 3.2 kg

Documented role

B&R 8B0K1650HW00.000-1 is an ACOPOSmulti 1650 uF capacitor module for buffering the DC bus.

It integrates into an ACOPOSmulti drive system, adds documented DC-bus capacitance and includes a charging circuit for controlled connection to the shared bus.

Application and verification

- DC-bus energy buffering in ACOPOSmulti servo-drive systems
- Machine axes with intermittent acceleration and regenerative load cycles
- Multi-axis automation systems that require additional shared-bus capacitance

Technical note

B&R 8B0K1650HW00.000-1 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.