

Schaltschrank AM PL NA I3 0,9x0,6 mit USV und i5- Steuerung, 208 V / 60 Hz - Bosch Rexroth 3842564861

Item no. BRR-3842564861

Manufacturer Bosch Rexroth

Complete, pre-wired control cabinet for Bosch Rexroth AM assembly systems in North American installations (208 V AC, 60 Hz). Integrates an i5 controller, an uninterruptible power supply (UPS, 24 V DC / 10 A), and all required electrical components. Supports Stop Category 1 emergency stop per DIN EN 60204-1 and connects via PROFINET, Ethernet/IP, or EtherCAT.

TECHNICAL DATA

Weight

0.1 kg



STANDARDS & COMPLIANCE

DIN EN 60204-1

DESCRIPTION

The AM PL NA I3 0.9x0.6 control cabinet delivers a ready-to-connect electrical control centre for Bosch Rexroth ActiveMover and AM assembly line systems in North American facilities running 208 V AC at 60 Hz. The graphite grey (RAL 7024) sheet-steel enclosure arrives fully wired - only the connecting kit requires on-site assembly - and bundles every component needed to commission the system without additional cabinet build-out.

- Stop Category 1 emergency stop circuit per DIN EN 60204-1 for safety-compliant shutdown
- Integrated UPS: 24 V DC / 10 A output maintains operation during brief power interruptions
- Open PLC interface: PROFINET, Ethernet/IP, EtherCAT, and compatible protocols
- Built-in filter and fan for active cabinet climate control, no external cooling required
- Connecting kit included: ferrites, network cable, cable protection hose, 24 V cable, grounding cable, network coupler, and fastening hardware

TECHNICAL DATA

Parameter

Value

Version

NA (North America)

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Parameter	Value
Input voltage AC	208 V
Output voltage AC	208 V
Line current rating	55 A
Frequency	60 Hz
UPS output voltage DC	24 V
UPS output current	10 A
Controller	i5 processor
PLC interface	PROFINET, Ethernet/IP, EtherCAT and others
Cabinet colour	Graphite grey RAL 7024
Housing material	Sheet steel, painted
Filter colour	RAL 7035
Mass	70 kg (system); 75 kg (total)
Scope of delivery	Control cabinet (no assembly required), connecting kit, circuit diagram, i5 controller, UPS, all electrical system components
Required accessories	Interface module PROFINET / Ethernet/IP / EtherCAT; control cabinet connecting kit
Recommended accessories	Connecting cable for line, PLC, and AMpro installations