



MINAS A6 Multi

400V servo drive system

**High-end servo drive system for
demanding automation applications**

MINAS A6 Multi: 400V

Compact, modular design for

400V servo drive system

- **Compact servo drive in book format:** only 25mm width per axis on the two-axis-unit
- **Modular design:** one power supply unit supports several servo drivers
- **DC link bus system:** reliable connection without tools
- **Quick servo control technology:** A frequency response of 3.2kHz enables high-speed operation for maximum productivity
- **Anti-vibration technology:** Suitable for highly precise applications thanks to vibration damping.
- **State-of-the-art network technology:** High-speed communication via EtherCAT with up to 100Mbit/s
- **18 advanced safety functions:** MINAS A6 Multi achieves safety class SIL3
- **Setup via EtherCAT:** Easy configuration and programming over EtherCAT (EoE) using the software tool PANATERM
- **Robust connectors:** Servo motors with rotatable screw connectors according to IEC, CENELEC, and IEEE



Markets



Packaging industry



Plastics and metal processing



Presses



Pharmaceutical industry

Save up to
of space in t

V servo drive system

for maximum performance



64%
the cabinet*

* compared with standard drive systems

Quick-connect technology

The MINAS A6 Multi can be wired at the top and bottom. No tools are needed.



DC link bus

Beneath the front cover lies the DC link bus. Thanks to the screwless power bus system it allows quick and easy expansion of the servo drivers.



Modular construction

Several two-axis servo drivers (50mm) can be coupled to just one compact power supply unit (50mm or 100mm width). Thanks to the DC link bus, the expansion is fast and reliable.



Power supply units

Product no.	Size	Input voltage	Rated power
MADMPN14	A	3-phase 380–480V AC	15kW
MBDMPN24	B	3-phase 380–480V AC	30kW

Servo driver units

Product no.	Size	Number of axes	Rated power
MADM2A4KBX	A	2	For motors 0.4–0.75kW**
MADM2A6KBX	A	2	For motors 0.75–1.5kW**
MADM2AAKBX	A	2	For motors 1.5–3.0kW**
MBDM1ABKBX	B	1	For motors 3.0–5.0kW

** also combinable



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