

Compact power

- ▶ Short current controller cycle times up to 31,25 μ s
- ▶ Fast fieldbus cycle times (e.g. for SERCOS II up to 125 μ s)
- ▶ High over load up to 4-times of the nominal current

ARS 2108 **new**
servo

open concepts

Universal servo positioning controller
ARS 2108

Technical data

| | | | |
|-------------------------|---|---------------------|---------------------|
| Type | ARS 2108 | | |
| Supply voltage | 1x 100...230 VAC [$\pm 10\%$], 50...60 Hz | | |
| DC-supply voltage | 60...320 VDC | | |
| Control voltage | 24 VDC [$\pm 20\%$] | | |
| DC-link voltage | 320 VDC | | |
| Clock frequency | Variable clock frequency up to 20 kHz Data for operation at 1x 230 VAC, 50 Hz | | |
| Rated power | 1,5 kVA | | |
| Time | 5 s | 1 s | 0.5 s |
| Maximum power | 3.0 kVA | 4.5 kVA | 6.0 kVA |
| Maximum peak current | 16 A _{eff} | 24 A _{eff} | 32 A _{eff} |
| Internal brake resistor | 70 Ω | | |
| Rated / pulse power | 30 W / 2.3 kW | | |
| External brake resistor | $\geq 50 \Omega$ | | |
| Brake | 24 VDC, max. 1 A | | |
| Certifications | UL / cUL in preparation | | |
| Encoder evaluation | Universal encoder interface for motors with: Resolver, Incremental encoder with/without commutation signals, SinCos-encoder (single-/ multiturn) with HIPERFACE, high resolution Heidenhain encoder, multiturn absolute encoder with EnDat-Interface 2.1 and 2.2, SSI encoder interface (in preparation) | | |
| Dimensions W x H x D | 225 x 54.5 x 200 mm | | |
| Weight | 2 kg | | |
| Order no. | 9200-2108-20 | | |



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Subject to technical alterations.
Printed in Germany. 11.2008



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