

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 Ω		
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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