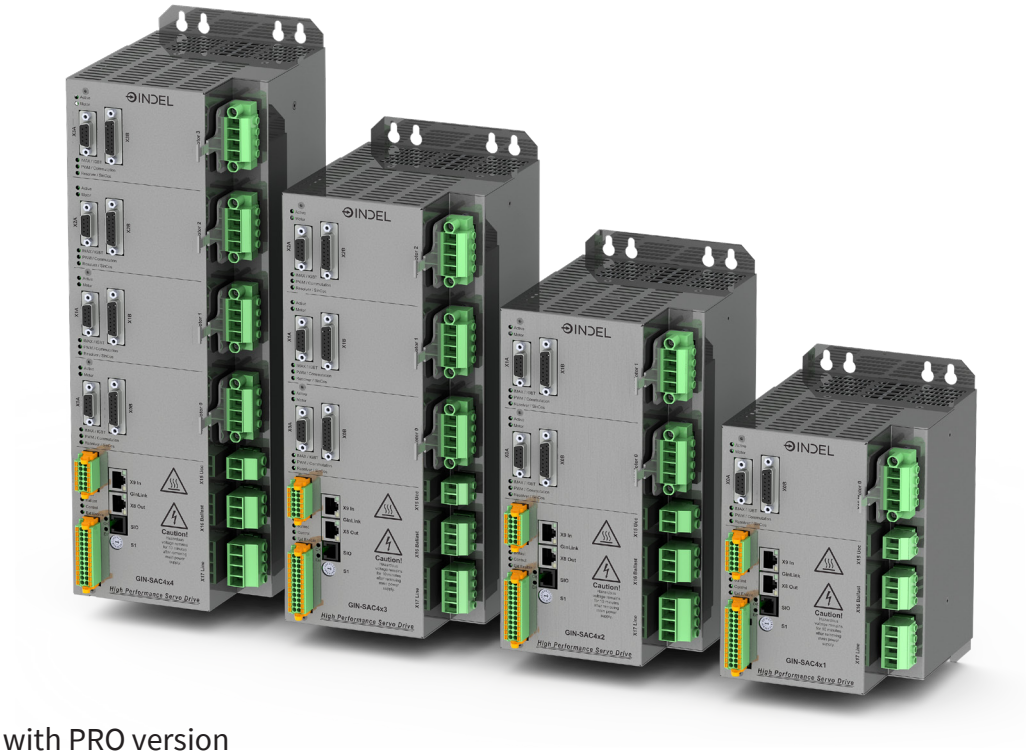
swiss made

INDEL
Indelligent Automation

GIN-SAC4

Multi Servo Drives



- Models with up to four axes
- Up to 32 kHz sampling rate
- Full-fledged GinLink master with PRO version

Facts	
Motor voltage	Up to 565 V_{DC}
Motor current per axis (Single / Dual)	GIN-SAC4×1: 13 A_{RMS} GIN-SAC4×2: 14.5 A_{RMS} / 29 A_{RMS} GIN-SAC4×3: 10.5 A_{RMS} / 21 A_{RMS} GIN-SAC4×4: 8.5 A_{RMS} / 17 A_{RMS}
Peak motor current per axis	21 A_{RMS} / 42 A_{RMS}
Control frequency	Up to 32 kHz
Motor types	PM synchronous, asynchronous, linear, DC
Feedback per axis	1 × Resolver 1 × SinCos / Incremental 1 × Inkrementalgeber / EnDat / Hiperface / SSI / BiSS
Speed filter	Luenberger observer
Current filter per axis	6 × Low-pass / Notch
Interfaces	GinLink slave / GinLink master* Gigabit Ethernet RS232
Safety	STO according to EN 61800-5-2, EN ISO 13849-1, category 4 PLe
CPU	ARM Cortex A9 single core 800 MHz / ARM Cortex A9 dual core 800 MHz*
Non-Volatile Memory*	512 KB NVRAM MicroSD card slot
Dimenstions	(215 / 279 / 343 / 407) × 130 × 148 mm (h × w × d)

* With PRO option

The Indel GIN-SAC4 series is the flexible solution for high-end, high-performance applications. Models are available from one to four axes. If needed the motor current can be doubled by using two amplifiers in parallel.

The integrated power supply allows direct connection to the 1 or 3 phase power grid.

For each model a PRO version is available which is equipped with a dual core CPU and GinLink master functionality. The additional CPU core perimts the implementation of the whole machine control on the drive.

All models implement the STO (Safe Torque Off) safety function.