ULC AC-SERVO DRIVE.

Your choice for cost-sensitive and high performance applications.

The ULC AC-Servo Drive by BRUNNER is a compact, intelligent servo controller for driving synchronous and asynchronous Motors up to 1 kW. It is targeting all applications where price-performance is key. The integrated mains filter, power supply and I/O interfaces ensures minimum cabling effort and true plug & play functionality at an unmatched price-performance point.

The integrated field bus interface (EtherCAT® or CANopen®) enables the communication and easy integration with a superordinate control system (e.g. TwinCAT® or CodeSys). Point-to-point positioning or master-slave applications are possible as easy as synchronized multiple axes.

Beside the standard CANopen® operations modes (DS-402) we have optionally integrated our unique active force control mode, that enables a smooth force control for robotic and simulation applications.

BRUNNER has the unrivaled capability to implement client-specific modes or design even a dedicated Drive upon request. Our parameter setting tool "DriveSetup" enables the easy operation and setup of the drive via USB.
FACTSHEET ULC AC-SERVO DRIVE.

www.brunner-innovation.swiss

ULC AC-SERVO DRIVE.

Features.

- Drives synchronous and asynchronous Motors up to 1kW
- Unmatched price-performance ratio
- Space-Vector-Modulation
- Complete DS-402 Motion Mode Support
- Fast EtherCAT® (CoE) or CANopen® Interface
- Supports std. Motion Modes (PP, PV, HM, TQ, IP)
- Unique Active Force Control mode (optional)
- Distributed Clock supported
- High Speed Position Control
- Inrush current limit
- Temperature control
- I2T over-current control
- Over- and undervoltage monitoring
- Integrated mains filter and power supply
- Leakage current meets VDE 0701
- Integrated Brake-Chopper and I/O functionality
- Low power consumption in standby-mode
- Software update via EtherCAT® / CAN / RS232
- Swiss Made
- 2 Years Warranty

Specification. (typical)

Input Voltage
Power Stage: 90-265 VAC 50/60 Hz (IEC13)
Logic: integrated Power Supply or ext. 24 VDC

Output Power
1 kW / 26 A max

Communication
CAN (RJ45) or EtherCAT® (RJ45), RS232 (WE Series 7015B)

Feedback
Incremental Encoder or RS-485 (DSub15)

I/O
2 Digital Inputs (12-32 V)
1 Analog Input (12 Bit, 0-12 V)
Motor Brake (24 V @ 1.5 A)

Size
205 x 95 x 44 mm, w/o Cooling
8.1 x 3.74 x 1.73 in, w/o Cooling

Weight
0.7 kg / 1.5 lb

Dimensions.

EtherCAT® is a registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany.

CANopen

RS232