

Product announcement

**UHX71B – Performance class “power” controller
MOVI-PLC® power / CCU power**

Control technology



NEW: Performance class “power” controller – High-end motion and logic control

The new performance class “power” in the controller product portfolio of SEW-EURODRIVE allows for implementing applications for high-end motion and logic control. Whether used as IEC 61131-3 programmable motion and logic controller MOVI-PLC® power or as parameterizable application controller CCU power, this performance class is the ideal solution for applications with many axes and extremely short response times.

The controller is available either as master module for the modular MOVIAxis® multi-axis servo inverter, or as compact controller for MOVIDRIVE® inverters. Being able to have demanding technology functions, such as electronic cam or electronic gear as well as 3-D robotics functions with up to 8 degrees of freedom, run on one controller avoids interfaces and lets you imple-

ment highly complex machines in an efficient and easy manner.

Up to 64 centrally calculated motion control axes can be handled in one millisecond while sufficient computing power is still available for the most demanding application programs. Equipped with SBUS^{PLUS}/EtherCAT® on board, this computing

power is passed on to the drives synchronously. This means the entire driveline is processed within one millisecond.

A CFast memory card for firmware, application and application data combines simple unit replacement and extremely fast access else only known from hard disks.

Technical data

- Intel Core2Duo 2.2 GHz
- 1x Ethernet (10/100 BaseT) for engineering or TCP/IP and UDP via IEC 61131-3
- 1x Gigabit Ethernet interface for SBUS^{PLUS} (EtherCAT®) master
- 16 MB program memory + 64 MB data memory
- 32 KB retain variables + 24 KB system variables (retain)
- Free-wheeling task and 8 cyclic tasks (1 ... 10000 ms)
- PC-readable memory card for firmware and application program
- CAN as option

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