



# CPS20 2/3-step controller

## Kompakt-Positioning-System

- Easy operation
- Decoded text display
- 180 Positions storable
- Start kurve monitoring
- Gearbox adaptation 6-digit

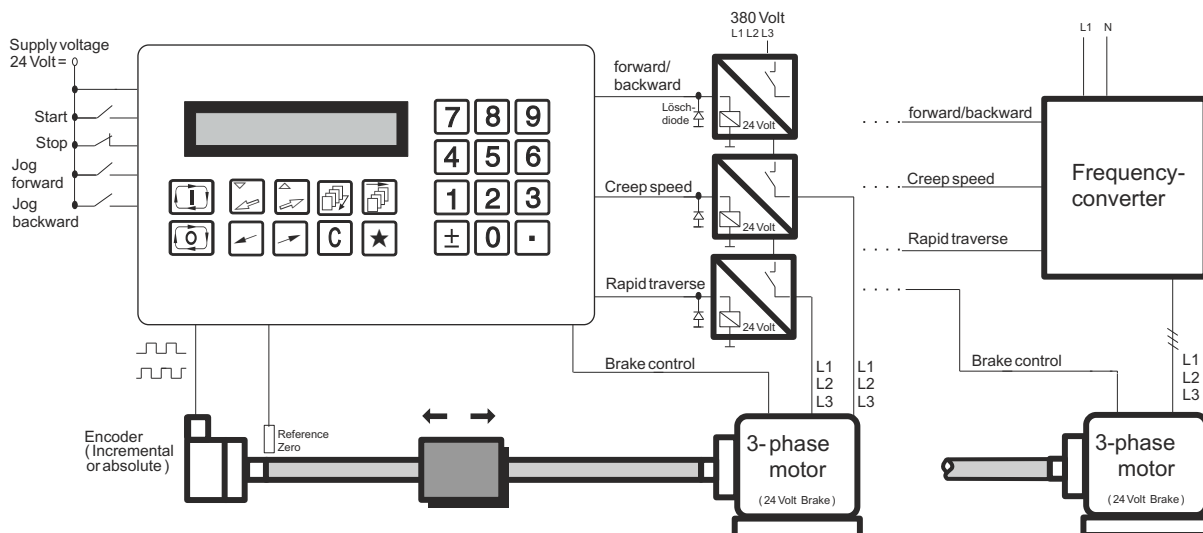
**Rapid-/Creepspeed-  
controller**



# CPS 20 Compact-Positioning-System

Free programmable CNC positioning controller. Adjustable switch-off as well as rapid and creep speed transitions make it very well suitable for posistop-motors or standard asynchronous motors. No programming knowledge required. Easy operation and programming through menu lead decoded text display. Adaptation to the motor and machine is provided by password protected parameter adjustment. Position feedback is achieved with encoder or linear measurement systems thus exact positioning to any positions is facilitated. High current outputs allow fast and direct connection to a motor brake or contactors.

- Menu-driven selection of operating mode
- Decoded text display
- Automatic reference zero run
- Automatic / Jog mode
- All parameters free adjustable
- Password protected machine parameters
- Machine specific adaptation e.g. scale
- 180 positions memory
- Switch-off distance for rapid traverse adjustable
- Brake distance adjustable
- Error diagnosis with decoded text display
- High immunity through opto decoupled inputs and outputs
- Short-circuit proof transistor outputs
- Direct connection of motor contactors
- Direct connection of motor brake



## Technical Data CPS 20

Number of axes:	1	Max. encoder-frequency:	250 KHz (4-fold 1 MHz)
Input:	Membrane keyboard with tactile feedback	Position feedback:	incremental, Option: absolute (SSI-interface)
Display:	LCD-Display (decoded) 2 x 24 characters illuminated	Signal inputs:	24 V, 10 mA
Storable Positions:	180 (power-fail safe)	Signal outputs:	24 V, 1 A
Gearbox adaptation:	6 digit	Supply voltage:	24 V =, +/- 20% ca. 0,3A, Optional: mains module 230 V
Homing:	yes	Ambience temperature:	0 ... + 45°C
Pulse start:	yes	Dimensions WxHxD:	213 x 133 x 75 mm
Start kurve monitoring:	yes		
Stop with residual travel:	yes		
Error diagnosis:	yes		

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