

Single/Dual-Channel Compact Controller with PLC Functionality

- Precise control and program sequencing
- Monitoring and alarm functions
- Data acquisition and recording
- Controller with self-optimizing function

Our devices of the DE-CB 400 series:

DE-CB 420-01 – Article No. 810266

- 1x universal analog input
- 1x digital input
- 1x digital I/O switchable
- 2x relays (normally open, 3A)
- 1 control channel
- Ethernet with Modbus TCP

DE-CB 460-01 – Article No. 810268

In addition to the DE-CB 420-01:

- 1x analog output
- 1x universal analog input
- 3x digital input
- 1x isolated 22V digital output
- PLC extension with ST programming
- activated math/logic module
- activated 2nd control channel



DE|SUPERVISE
enabled

prosys/2 system coupling

Process control

Recorder data logging

Recipe management

Backup/restore function

I/Os can be expanded via the
Demig I/O system using
Modbus TCP

Highly adaptable and
configurable with the Config
Tool via USB and Ethernet

Additional features of the DE-CB 400 series:

Analog input	PT100+PT1000, thermocouples (-270-1768 °C), resistance, voltage, current
Accuracy	Depending on measuring range ≤0,1% - 0,25% of full scale
Display	2x 18-segment LCD display and pixel matrices for menu, parameters, and data
Functions	Two-/three-point controller, position controller, continuous controller, program controller, ramp function, customizable operating menu, operating hours/ service counter, real-time clock, timer, retain memory, data logger
Housing	¼ DIN format 96x96mm, front IP65
Voltage supply	24V AC/DC +10/-15 %, AC 48 to 63 Hz, max. 8.9 W
Languages	German, English, French, Spanish
Certifications	CE, UK, UL/UL (listed), calibration according to CQI-9 AMS 2750 on request