

CP 8

8 Bit CPU board

The CP 8 is a 8 Bit PLC CPU board of the Compact range. It uses two empty slots.

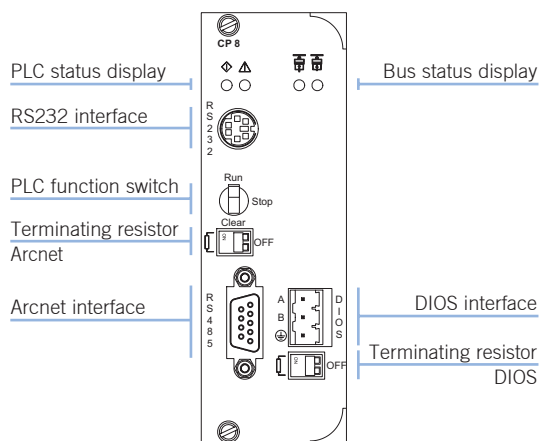
Features

- **CPU**
8 Bit CPU, programming tool PLCLab
- **Memory**
32 kBytes Flash for PLC program
2 kBytes memory for variables
8 kBytes memory for SECOM variables
- **Interfaces**
DIOS interface with 375 kBaud
RS232 interface with 9600 Baud
RS485 interface with 625 kBaud (Arcnet)
- **Status display**
Status display with green and red LED



CP 8

Operating and display elements



PLC status display	green LED	red LED
PLC program runs properly	●	○
PLC program stop	○	○
PLC program error	○	●
RS485 connection error	○ or ●	●

Bus status display	green LED	red LED
Hardware/software OK	●	○
Data transfer activ	●	○
Hardware/software conflict	○ or ●	●

LED status: ○ off, ● on, ● flashing, ● pulsing

Technical data

Power consumption

max. 520 mA at +5 V

Mechanical data

Dimensions front panel: 120 x 40 mm

Slots required: 2

Weight: 205 g

Temperature/protection

Storage temperature: -25 °C... +70 °C
(-13 °F... +158 °F)

Operating temperature: 0 °C...+55 °C
(32 °F...+131 °F)

Protective system: IP 20

EMC

Emitted interference: DIN EN 55022
DIN EN 61000-6-4

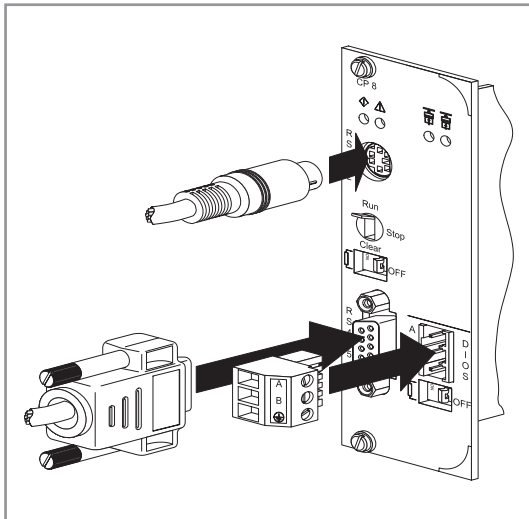
Interference resistance: DIN EN 61000-6-2
Security: DIN EN 60950-1

Additional features

Programming software: PLCLab

PLC function switch: run/stop/clear

Connection diagram



Connections (plugs)

DIOS interface via screw-type terminals.

Conductor size 0.8 to 1.5 mm² (stranded or solid) or stranded with ferule 0.8 to 1.5 mm², stripping length 13 mm.

RS232 interface via mini DIN plug.

Arcnet interface (RS485) via SUB-D plug.

Scope of delivery

Art. No. BGC03100

1 CPU board CP 8

1 screw-type terminal 3pole

Accessories

Art. No. BGC23100

1 screw-type terminal 3pole

Art. No. BGC33000

1 battery

Art. No. KAB01100

1 Arcnet cable

Art. No. KAB11100

1 programming cable