

DM 160

Digitale input board

The digital input board DM 160 of the Compact PLC range provides 16 digital inputs.

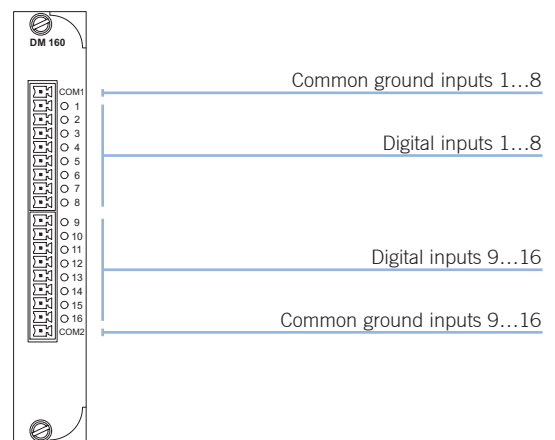
Features

- **16 inputs**
16 potential free inputs (in two groups, each 8 inputs) with a common ground COM1 respectively COM2
- **Status display**
Status display per input with green LEDs



DM 160

Operating and display elements



Technical data

Inputs

Switching voltage: 15 V...36 V DC logical high
0 V...8 V DC logical low

Protection: protection diode

Input current: min. 4 mA at 15 V
max. 17 mA at 36 V

Power consumption

max. 80 mA at +5 V

Mechanical data

Dimensions front panel: 120 x 20 mm

Slots required: 1

Weight: 70 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

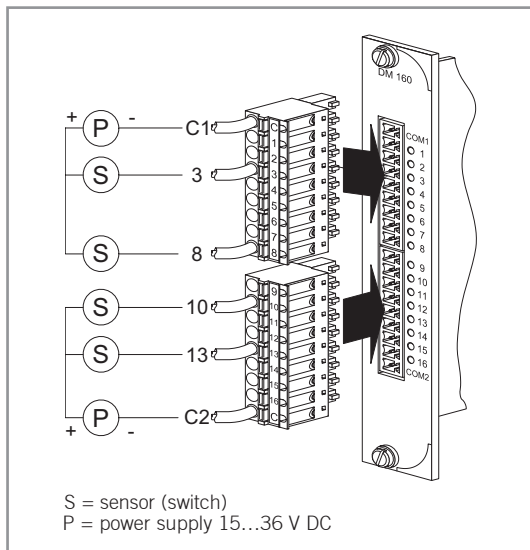
EMC

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

Interference resistance: DIN EN 61000-6-2

Security: DIN EN 60950-1

Connection diagram



Connections (plugs)

Connection via spring-type terminal blocks.
Conductor size 0.14 to 1.5 mm² (stranded or solid)
or stranded with ferrule 0.25 to 1.5 mm², stripping
length 8 mm.

Scope of delivery

Art. No. BGC04010

1 digital board DM 160
2 spring-type terminal blocks 9pole

Accessories

Art. No. BGC24010

2 spring-type terminal blocks 9pole