

## Product sheet

## Discrete I/O Module 16 Inputs 16 Outputs 24 V DC

Brand: SCHNEIDER

Reference: IMPO BMXDDM3202K



Discreet I/O module of the Modicon X80 range with 16 digital inputs type current collector (24 V DC positive, 2.5 mA) and 16 outputs in solid state (24 V DC, 0.1 A). It supports proximity sensors 2/3 cables according to IEC 61131-2 type 1. Output response time: 1,2 ms.

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### Description

Discreet I/O module from the Modicon X80 range, designed for industrial applications requiring precise control of digital signals. It has 16 discrete inputs and 16 outputs, compatible with proximity sensors 2/3 cables according to IEC 60947-5-2 and IEC 61131-2 type 1. It works with a positive 24 V DC input voltage and offers an input current of 2.5 mA per channel.

#### Technical characteristics

- Number of digital entries: 16
- Type of entry: Current collector (positive logic)
- Input voltage: 24 V DC positive
- Discreet input current: 2,5 mA
- Number of discrete outputs: 16
- Digital output type: Solid state
- Output voltage: 24 V DC (range 19...30 V DC)
- Digital output current: 0.1 A
- Input impedance: 9600 Ohm
- Insulation resistance: > 10 MOhm at 500 V DC
- Dissipated power: 4 W
- Typical filter time: 4 ms
- Maximum filter time: 7 ms
- Response time in output: 1,2 ms
- Output parallel: Yes (up to 3 max.)

- Typical current consumption: 69 mA to 24 V DC
- Reliability MTBF: 650614 h
- Degree of protection: IP20
- Weight: 0.11 kg
- Operating ambient temperature: 0...60 °C
- Storage ambient temperature: -40...85 °C
- Relative humidity: 5...95 % at 55 °C without condensation
- Maximum operating altitude: 0...2000 m (up to 5000 m with reduction)
- Directives: 2014/35/EU (low voltage), 2014/30/EU (EMC)
- Protection: external fuse 0.5 A, transyl diode, current limiter, reverse polarity protection in input and output
- Status LED: RUN (green), diagnostic channel (green), ERR (red), I/O module (red)

Specifications

|                     |               |
|---------------------|---------------|
| EAN                 | 3595863910636 |
| Manufacturer        | SCHNEIDER     |
| Range               | Industrial    |
| # Elements          | 16            |
| Weight (kg)         | 0,11 kg       |
| Power (W)           | 4 W           |
| Protection          | IP20          |
| Nominal voltage (V) | 24 V CC       |

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