# 600-210-0DP21




## Digital-Input-Modul, DC 24 V, GND-Reading 16x

- A blue LED indicates the module's operating status
- Green LEDs (one for each input) indicate the inputs’ states
- 16 inputs, electrically isolated from the backplane bus

## Info

Digital input modules for the modular fieldbus IO system TB20. Note: Individual modules cannot be combined with IO systems from other manufacturers.

The scope of delivery already includes the appropriate front connector for the cabling and a base module. The module has 16 digital inputs in the GND-reading version.

## Technical data

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| **General information** | |
| Order number | 600-210-0DP21 |
| Article name | DI 16x DC 24 V, GND reading |
| Scope of delivery | DI 16x DC 24 V |
| Dimensions (DxWxH) | 110 x 25 x 73 mm |
| Weight | ca. 110 g |
| Number of inputs | 16 |
| Power dissipation | Max. 3.7 W |
| Input characteristic curve | Type 2, EN 61131-2 |
| Reverse polarity protection for inputs | Yes |
| Hot-swap capable | Yes |
| **Electrical isolation** | |
| from the backplane bus | Yes |
| Between the channels | No |
| **Current draw** | |
| External | Max. 0 mA |
| Internal | Max. 23 mA |
| **Input voltage** | |
| For signal "0" | Vcc -5 ... Vcc |
| For signal "1" | 0 V ... Vcc-11 V |
| **Ambient conditions** | |
| Ambient temperature | 0 °C ... +60 °C |
| Transport and storage temperature | -20 °C ... +80 °C |
| Relative air humidity | 95 % r. H. without condensation |
| Pollution degree | 2 |
| Protection rating | IP 20 |
| Certifications | CE, UL |
| **CE** | |
| Noise immunity | DIN EN 61000-6-2 "EMC Immunity" |
| Interference emission | DIN EN 61000-6-4 "EMC Emission" |
| Vibration and shock resistance | DIN EN 60068-2-8:2008 "Vibration", DIN EN 60068-27:2010 "Shock" |
| RoHS | Yes |
| REACH | Yes |
| **UL** | |
| Surrounding Air Temperature | 0 °C ... +60°C |
| Pollution degree | 2 |