



Features

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

Digital-Input-Modul, DC 24 V, GND-Reading 8x

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 8 digital inputs in the GND-reading version.

General information

Order number	600-210-0DH01
Article name	DI 8x DC 24 V, GND reading
Scope of delivery	DI 8x DC 24 V
Dimensions (DxWxH)	110 x 14 x 73 mm
Weight	approx. 70 g
Number of inputs	8
Power dissipation	Max. 1.85 W
Input characteristic curve	Type 3, 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. 22 mA
Internal	Max. 22 mA

Input voltage

For signal "0"	Vcc -5 ... Vcc
For signal "1"	0 V ... Vcc-11 V
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

Vibration and shock resistance	DIN EN 60068-2-8:2008 "Vibration", DIN EN 60068-2-7:2010 "Shock"
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CE

Noise immunity	DIN EN 61000-6-2 "EMC Immunity"
Interference emission	DIN EN 61000-6-4 "EMC Emission"

UL

Surrounding Air Temperature	0 °C ... +60 °C
Pollution degree	2

© Helmholz GmbH & Co. KG | Hannberger Weg 2 | 91091 Großenseebach | Germany
Phone +49 9135 7380-0 | Fax +49 9135 7380-110 | info@helmholz.com | www.helmholz.com

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