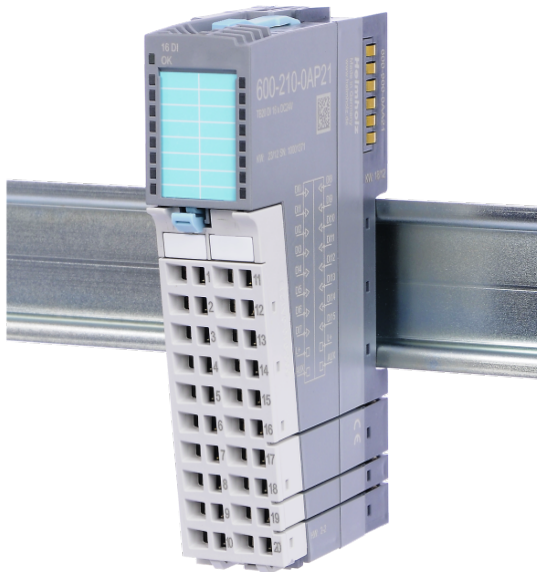




Features

- ✓ 24 V DC input voltage
- ✓ Can accommodate 2-wire proximity sensors
- ✓ A blue LED indicates the module's operating status
- ✓ Green LEDs (one for each input) indicate the input status
- ✓ 16 inputs, electrically isolated from the backplane bus

Digital-Input-Modul, DC 24 V 16x

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.

General information

Order number	600-210-0AP21
Article name	DI 16x DC 24 V
Scope of delivery	DI 16x DC 24 V
Dimensions (DxWxH)	110 x 25 x 73 mm
Weight	Approx. 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. 22 mA
Internal	Max. 22 mA

Input voltage

For signal "0"	-3 V ... 9 V
For signal "1"	12 V ... 30 V
For signal "1"	12 V ... 30 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
Protection rating	IP 20
Certifications	CE, UL

UL

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

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 60068-2-6:2008 „Vibration“, DIN EN 60068-2-27:2010 „Shock“

As of: 8 - 2026