

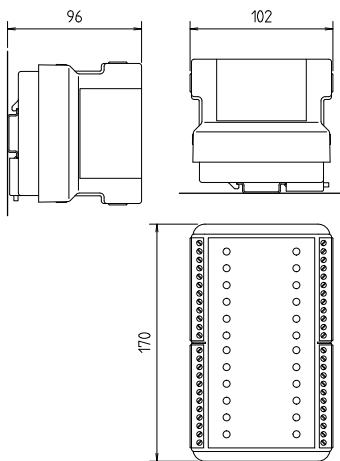


PROFIBUS-Interface

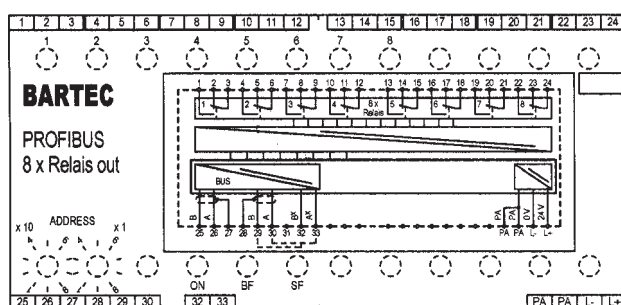
Features

- 8 channels
- Relay outputs AC 250 V/DC 100 V
- Galvanic isolation
- LED display
- EMV according to DIN EN 61000-4-2: 2001, DIN EN 61000-4-3: 2008, DIN EN 61000-4-4: 2003, DIN EN 61000-4-6: 2007
- Programmable address on front panel

Dimensions/mounting positions



Wiring diagram/terminal assignment



Description

The MODEX PROFIBUS interface with its 8 relay outputs offers volt free switching in zone 1 Ex areas. For example, encapsulated solenoid valves, indicator lamps or other certificated devices up to 6 A can be directly activated. Output states and the bus status messages are indicated by LEDs.

Technical data

Construction

Flameproof, clip-on enclosure for TH 35 rail

Enclosure material

High-quality thermoplastics

Protection class

Module IP 66
Terminals IP 20
Terminals with cover IP 30

Terminals

2.5 mm², fine stranded

Labelling

front panel label for markings

Display

LEDs on front panel

Storage temperature

-40 °C to +60 °C

Ambient temperature

-20 °C to +60 °C

Weight

2.1 kg

Electrical data

Supply voltage (L+, L-)

DC 20 V to DC 30 V

Power consumption

P = 3.2 W

Power dissipation

P_{V tot.} = 6 W

Galvanic isolation

power supply//bus//electronic//outputs

Bus interface

RS485 with screw clamping terminals

Display

Bus status ON, BF, SF
Outputs 8 x LED yellow, active

Output data

Output relay

1 changeover contact

U _A	I _{max.}	
AC 250 V (max.)	6.0 A	cos φ = 1
DC 100 V	0.5 A	ohmic load
DC 60 V	1.0 A	
DC 30 V	6.0 A	
DC 5 V	6.0 A	

Mechanical service life

10 million operations

Guidelines/norms/certifications

Directive 2004/108/EC
Directive 94/9/EC

Explosion protection

Ex protection type

Ex II 2G Ex de IIC
Ex I M2 Ex de I

Certification

PTB 97 ATEX 1066 U

Notes

- Last bus module in system:
Bridge A-A^x (terminals 30, 33)
Bridge B-B^x (terminals 29, 32)
- GSD-file: BARX2308.gsd

Order no.
07-7331-2308/0000

Technical data subject to change without notice.