



In the Ex e version, the MODEX 8 relay out module can activate various actuators using 8 outputs. It is possible, for example, to directly activate encapsulated solenoid valves, indicator lamps or other certified consumers up to 6 A. The module is connected to the process control system via the PROFIBUS-DP. Coding rotary switches are available for addressing the module.

Explosion protection

Marking ATEX	II 2(1)G Ex db e IIC Gb I M2 Ex db e I Mb
Certification	PTB 97 ATEX 1066 U
Marking IECEx	Ex db e IIC Gb Ex db e I Mb
Certification	IECEx PTB 11.0082U
Marking CSA	Class I, Zone 1, IIC A/Ex d e IIC Gb
Certification	CSA 2011-2484303U
Other approvals and certificates, see www.bartec.de	

Technical data

Construction	Flameproof, clip-on enclosure for TH 35 rail	
Enclosure material	High-quality thermoplastics	
Protection class	Electronic assembly	IP 66 EN/IEC 60529
	Terminals	IP 20 EN/IEC 60529
	Terminals with cover	IP 30 EN/IEC 60529
Terminals	2.5 mm ² , fine stranded	
Device designation	Front plate for labelling	
Displays	LEDs on front panel	
Storage temperature	-40 °C to +60 °C	
Ambient temperature	-25 °C to +60 °C at T4	
Weight	2.1 kg	

Electrical data

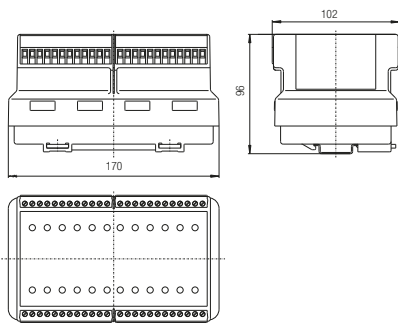
Supply voltage electronics (L +, L-)	DC 24 V (20 to 30 V)	
Power consumption (L +, L-)	2.7 W	
Reverse polarity protection (L+, L-)	Yes	
Power dissipation	max. 6 W (Module)	
Galvanic isolation	Power supply//bus//circuitry//outputs	
Bus interface	RS485 with screw terminals	
Displays	Status	ON, BF
	Outputs	8 x LED yellow, active

Outputs	
Power dissipation per Channel	max. 0.4 W
Output relay	1 changeover contact

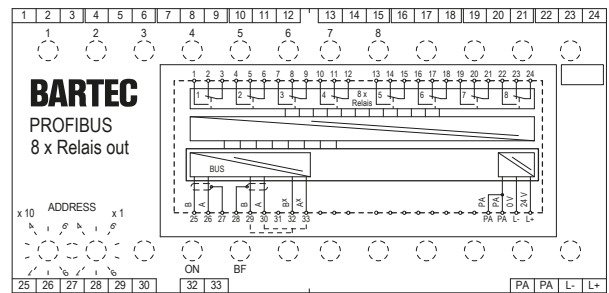
U _A	I _{max}	
AC 250 V (max.)	6.0 A	cos φ = 1
DC 100 V	0.5 A	ohmic load
DC 60 V	1.0 A	
DC 30 V	6.0 A	
DC 5 V	6.0 A	

Mechanical service life	10 million switching cycles
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Dimensions/mounting positions



Wiring diagram/terminal assignment



Note

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

Ordering information

PROFIBUS Interface 8 x relay out Ex e **07-7331-2308/0000**

Technical data subject to change without notice.