



Relay modules in the MODEX system offer modern switch features in explosive areas. The MODEX power relay is used to switch load-current circuits to 12 A, e. g. heating circuits or smaller motors.

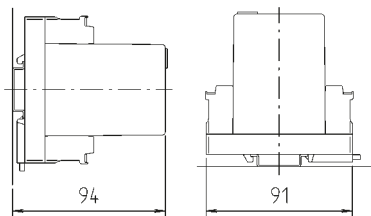
**Explosion protection**

Marking ATEX	II 2G Ex db e IIC Gb II M2 Ex db e I Mb
Certification	PTB 97 ATEX 1068 U
Marking IECEx	Ex d e IIC Gb Ex d e I Mb
Certification	IECEx PTB 11.0083U
Marking CSA	Class I, Zone 1, IIC A/Ex d e IIC Gb
Certification	CSA 2011-2484303U
Other approvals and certificates, see <a href="http://www.bartec.de">www.bartec.de</a>	

**Technical data**

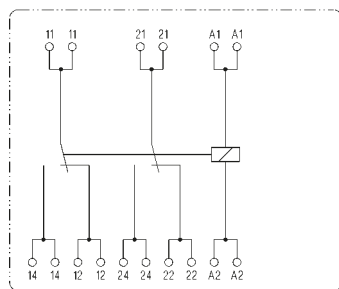
Enclosure material	High quality thermoplastic
Protection class	Module IP 66 EN/IEC 60529 Terminals IP 20 EN/IEC 60529
Terminals	2.5 mm <sup>2</sup> , fine stranded
Mounting rail	TH 35 x 7.5 (15) EN/IEC 60715
Terminal designation	written marking labels
Ambient temperature	mounted in sequence on TH at ≥ 16 mm spacing -25 °C to +40 °C at T6
Storage temperature	-40 °C to +70 °C
Weight	0.500 kg

**Dimensions/mounting positions**



Module width: 75 mm

**Wiring diagram/terminal assignment**



**Electrical data**

Coil data	DC 24 V ± 10 % AC 230 V ± 10 %
Rated output	DC 24 V approx. 1.25 W AC 230 V approx. 1.9 VA
Contact material	Contact material AgCdO
Max. switching voltage	AC 400 V
Max. switching current (ohmic load)	12 A
Max. switching capacity (ohmic load)	4560 VA
Test voltage	Coil contact 2.5 kV effective 15/10 ms
Mechanical life	20 x 10 <sup>6</sup> switching cycles
Switching frequency	6000 switching cycles/h without load 1000 switching cycles/h at nominal load

**Ordering information**

DC 24 V	<b>07-7311-9772/3310</b>
AC 230 V	<b>07-7311-9772/H310</b>

Technical data subject to change without notice.