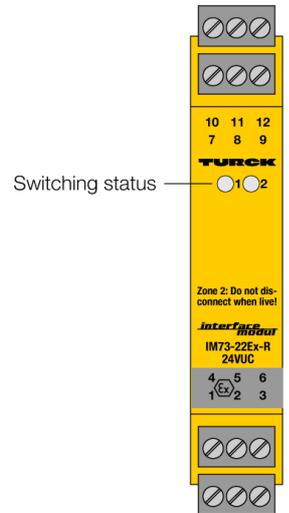
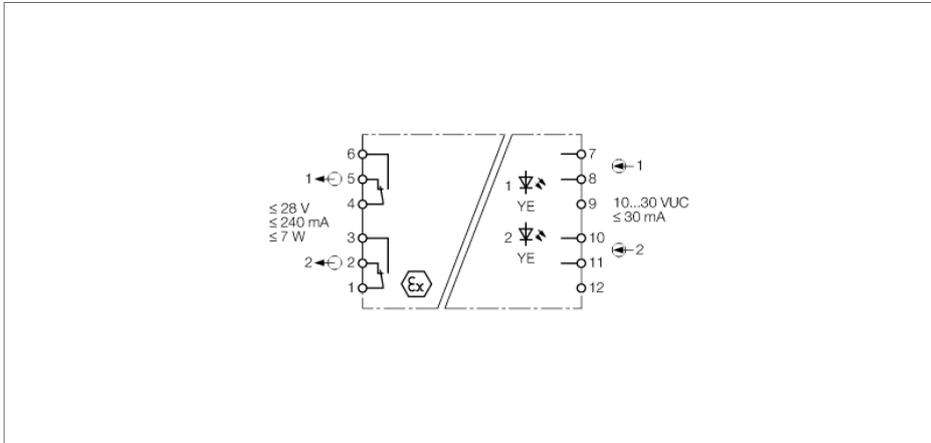


**Relay coupler
2-channel
IM73-22Ex-R/24VUC**



The relay coupler IM73-22Ex-R/24VUC is designed to switch intrinsically safe circuits and provides safe galvanic isolation between contact and control circuit according to EN 50020.

The status of the relays is via LEDs at the front.

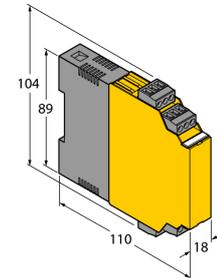
With 50 Hz the reed relay switching frequency is significantly higher than that of standard relays.

The reed relays with rhodium contacts are suited for general control tasks, especially when standard types cannot be used due to the required switching frequency and the admissible contact ratings.

- Removable terminal blocks
- Galvanic separation of input circuits, output circuits and power supply

**Relay coupler
2-channel
IM73-22Ex-R/24VUC**

Dimensions



Type	IM73-22Ex-R/24VUC
Ident-No.	7520513
Frequency	48...62 Hz
Operating voltage range	10...30 VDC
Voltage input	10...30 VAC/ VDC
Current input	30 mA
Output circuits (digital)	2 x relay (change-over)
Relay switching voltage	≤ 28 VDC
Switching current per output	≤ 240 mA
Switching capacity per output	≤ 7 W
Contact quality	AgNi, 3μ Au
Limit frequency	≤ 50 Hz
Galvanic separation	
Test voltage	1.5 kV
Ex approval acc. to conformity certificate	BVS 03 ATEX E 335
Application area	II (1) GD
Protection type	[Ex ia] IIC
Rated voltage	250 V
Max. input voltage U_i	≤ 28 V
Max. input current I_i	≤ 240 mA
Max. input power P_i	≤ 7000 mW
Internal inductance/capacitance L/C _i	vernachlässigbar klein
Indication	
Switching state	yellow
Protection class	IP20
Ambient temperature	-25...+70 °C
Storage temperature	-40...80°C
Dimensions	104 x 18 x 110 mm
Weight	129 g
Mounting instruction	For mounting on DIN rail or mounting panel
Housing material	Polycarbonate/ABS
Electrical connection	4 x 3-pole removable terminal blocks, reverse polarity protected, screw connection
Terminal cross-section	1 x 2.5 mm ² / 2 x 1.5 mm ²

Accessories

Type code	Ident-No.	Short text	Dimension drawing
IM-CC-3X2BU/2BK	6900475	Cage clamp terminals for IM modules (Ex devices; width 18 mm); 2 blue/2 black, 3-pin, included in delivery.	