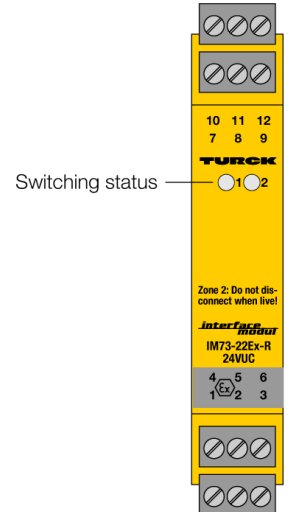
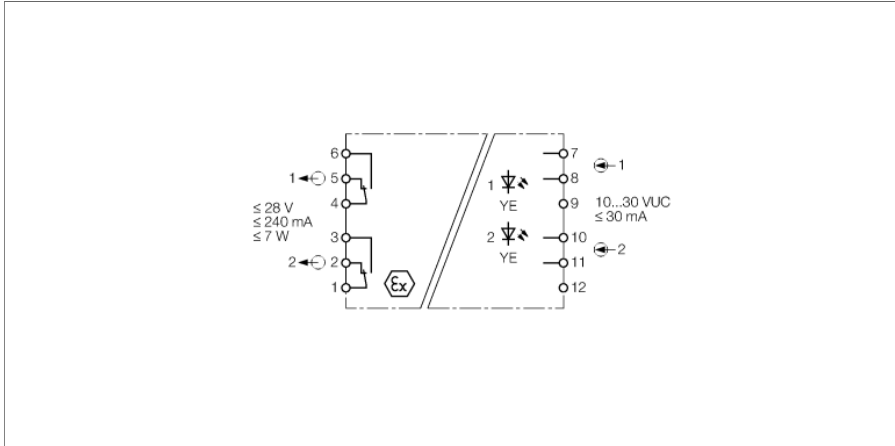


# Relay coupler 2-channel IM73-22EX-R/24VUC



The 2-channel relay coupler IM73-22Ex-R/24VUC is designed for the switching of intrinsically safe circuits and for galvanically isolating contact and control circuitry according to EN 60079-11.

LEDs on the front indicate the switching status.

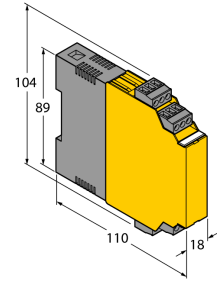
With 50 Hz the switching frequency of the reed relay is significantly higher than that of standard relays.

The reed relay with Rhodium contacts are also suitable for general control tasks, especially if normal relays reach their limits in terms of switching frequency and the permissible contact data.

- Relay coupler for switching of intrinsically safe and current limited circuits
- High-quality reed relays with rhodium contacts
- Switching frequency up to 50 Hz
- Galvanic isolation between input and output circuits
- ATEX, TR CU
- Installation in zone 2

## Dimensions

Type	IM73-22EX-R/24VUC
ID	7520513
<b>Nominal voltage</b>	
Nominal voltage	24 VUC
Frequency	48...62 Hz
Operating voltage	10...30 VDC
Power dissipation, typical	≤ 0.94 W
<b>Voltage input</b>	
Voltage input	10...30 VAC/ VDC
Input current	30 mA
<b>Output circuits</b>	
Output circuits (digital)	2 x relays (change-over)
Output switching voltage relay	≤ 28 VDC
Switching current per output	≤ 0.24 A
Switching capacity per output	≤ 7 W
<b>Response characteristic</b>	
Limit frequency	≤ 50 Hz
<b>Galvanic isolation</b>	
Test voltage	1.5 kV
<b>Important note</b>	
	For Ex-applications the values specified in the corresponding Ex certificates (ATEX, IECEx, UL, etc.) apply.
Ex approval acc. to conformity certificate	BVS 03 ATEX E 335
Application area	II (1) G, II (1) D
Ignition protection category	[Ex ia Ga] IIC; [Ex ia Da] IIIC
Ex approval acc. to conformity certificate	Turck Ex-06007M X
Application area	II 3 G
Ignition protection type	Ex nA nC [ic Gc] IIC T4 Gc
<b>Displays/Operating elements</b>	
Switching state	Yellow
<b>Mechanical data</b>	
Protection class	IP20
Flammability class acc. to UL 94	V-0
Ambient temperature	-25...+70 °C
Storage temperature	-40...+80 °C
Dimensions	104 x 18 x 110 mm
Weight	129 g
Mounting instructions	DIN rail (NS35) or panel
Housing material	Polycarbonate/ABS
Electrical connection	4 × 3-pin removable terminal blocks, reverse polarity protected, screw terminal
Terminal cross-section	1 × 2.5 mm <sup>2</sup> /2 × 1.5 mm <sup>2</sup>
Tightening torque	0.5 Nm



**Accessories**

Type code	Ident no.		Dimension drawing
IM-CC-3X2BU/2BK	6900475	Cage clamp terminals for IM modules (Ex-devices with 18 mm overall width); includes: 2 pcs. 3-pin blue terminals and 2 pcs. 3-pin black terminals.	