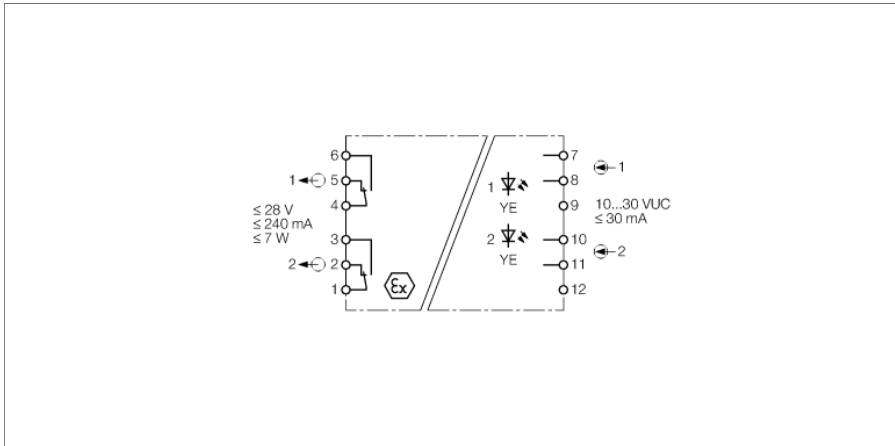


Relay coupler
2-channel
IM73-22EX-R/24VUC



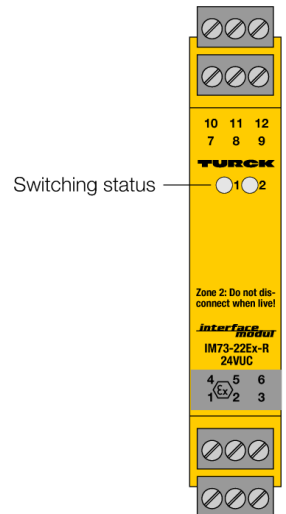
The 2-channel relay coupler IM73-22Ex-R/24VUC is designed for the switching of intrinsically safe circuits and for galvanically isolating contact and control circuitry according to EN 60079-11.

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.

- **ATEX, TR CU**
- **Installation in zone 2**
- **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**

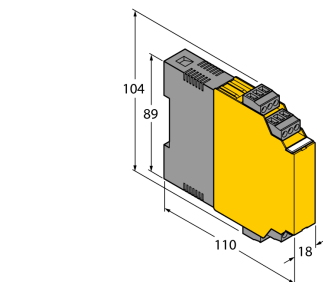


Relay coupler

2-channel

IM73-22EX-R/24VUC

Dimensions



Type designation	IM73-22EX-R/24VUC
Ident-No.	7520513
Nominal voltage	24 VUC
Frequency	48...62 Hz
Operating voltage range	10...30 VDC
Power dissipation, typ.	≤ 0.94 W
Voltage input	10...30 VAC/ VDC
Input current	30 mA
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
Contact quality	AgNi, 3μ Au
Limit frequency	≤ 50 Hz
Galvanic isolation	
Test voltage	1.5 kV
Important note	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
Indication	
Switching state	Yellow
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 x 2.5 mm ² / 2 x 1.5 mm ²
Tightening torque	0.5 Nm

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

Accessories

Type code	Ident-No.	Description	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.	