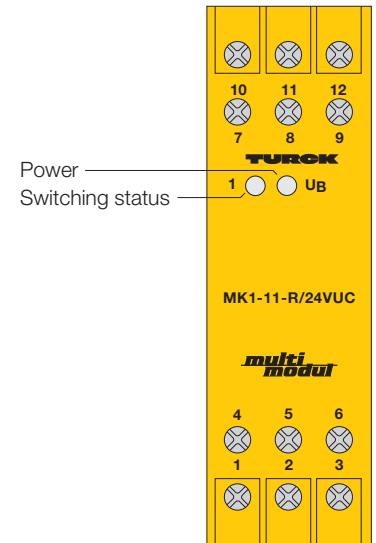
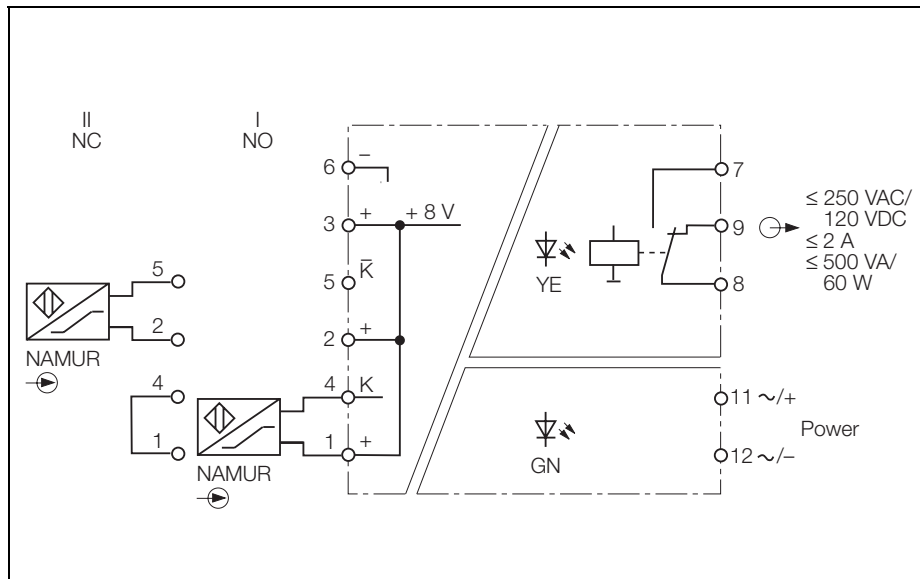


Isolating switching amplifier 1-channel MK1-11-R/24VUC



The 1-channel switching amplifier MK1-11-R/24VUC is equipped with an intrinsically safe input circuit.

Sensors according to EN 60947-5-6 (NAMUR) can be connected to the device or potential free contactors.

The output circuit features one relay with one changeover contact.

If the sensor is connected according to possibility (I) shown in the block diagram, the si-

gnal flow direction of the relay output is set to NO mode. If the sensor is connected according to possibility (II), the signal flow direction of the relay output is set to NC mode.

The green LED indicates operational readiness, three yellow LEDs indicate the switching status of the respective output.

Terminals 3 and 6 provide a voltage of 8V for a max. load of 75 mA.

- Adjustable signal flow (N.O./N.C. mode)
- Galvanic isolation of input circuits, output circuits and supply voltage

Isolating switching amplifier

1-channel

MK1-11-R/24VUC

Type	MK1-11-R/24VUC
Ident-No.	7540007
Nominal voltage	24 VUC
Betriebsspannungsbereich	19 ... 29 VAC
Frequency	$\geq 48 \dots \leq 62$ Hz
Operational voltage range:	19 ... 29 VDC
Power consumption	≤ 2 VA
NAMUR	EN-60947-5-6
No-load voltage	8 VDC
Short-circuit current	8 mA
Input resistance	1 k Ω
Output resistance	$\leq 50 \Omega$
Switch-on threshold:	1.55 mA
Switch-off threshold:	1.75 mA
Output circuits (digital)	1 x relay (change-over)
Relay switching voltage	≤ 250 VAC/120 VDC
Switching current per output	≤ 2 A
Switching capacity per output	≤ 500 VA/60 W
Switching frequency	≤ 10 Hz
Contact quality	AgNi, 3 μ Au
Test voltage	4.0 kV
Constant voltage supply	250 V
Indication	placeholder
Operational readiness	green
Switching status	yellow
Mechanical Data	
Degree of protection	IP20
Ambient temperature	-25 ... + 60 °C
Housing length	89 mm
Housing width	27 mm
Housing height	110 mm
Weight	130 g
Mounting instruction	Mounting on DIN rail or mounting panel
Housing material	polycarbonate/ABS
Electrical connection	4 x 3-pole flat terminals with self-lifting pressure plates
Terminal cross-section	1 x 2.5 mm ² / 2 x 1.5 mm ²

Dimensions

