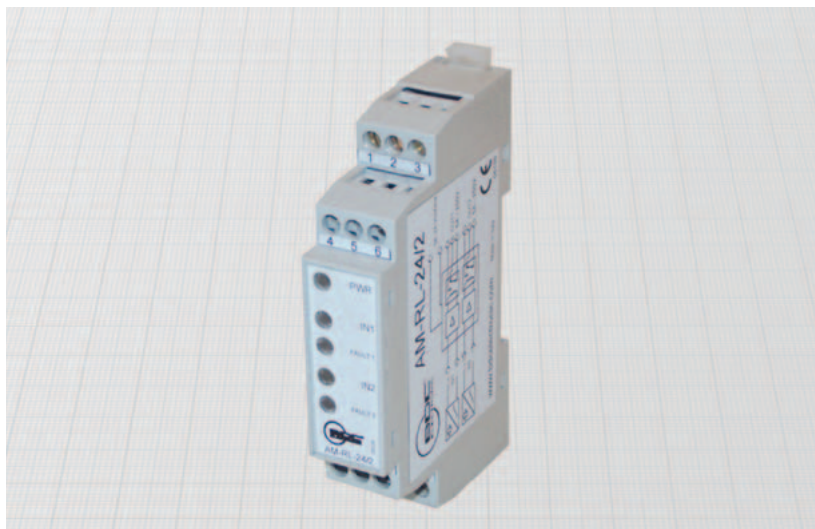
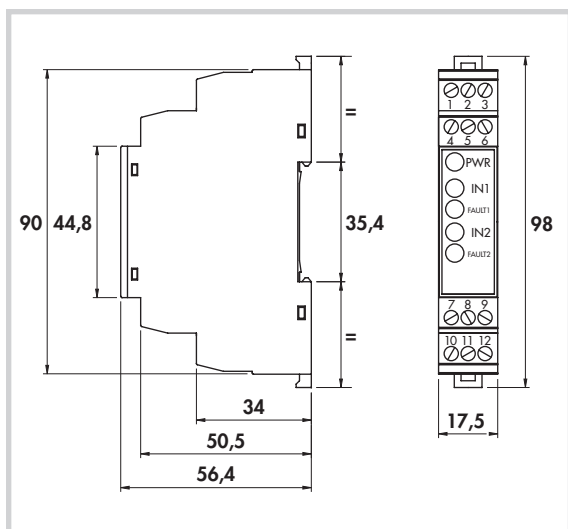
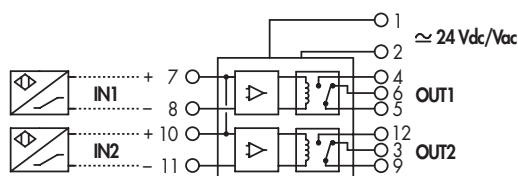
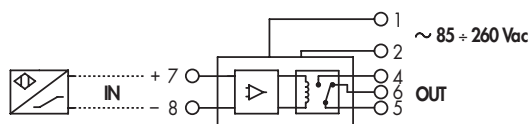
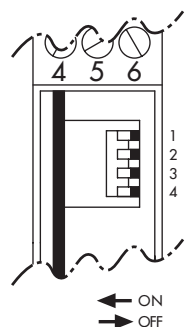


RELAY OUTPUT •
1 or 2 channels •

Connections AM-RL-24/2

Connections AM-RL-1122/1

Dip-Switches settings


DIP	POSITION	CONFIGURATION
1	OFF	OUT1 N.O.
	ON	OUT1 N.C.
2	OFF	IN1 Failure detection disabled
	ON	IN1 Failure detection enabled
3	OFF	OUT2 N.O.
	ON	OUT2 N.C.
4	OFF	IN2 Failure detection disabled
	ON	IN2 Failure detection enabled

General Features:

These units allow to amplify signals from NAMUR sensors or contacts. The relay outputs have changeover N.O. + N.C. contacts electrically insulated from each other, from power supply and from all the inputs. When used for NAMUR sensors, the indication of failures is visible with a red LED on the front panel for interruptions or short circuits on the input lines. The configuration dip-switches are easily accessible removing the front panel. Suitable for DIN mounting.

Technical data:

- Supply voltage: see ordering references
- Frequency of power supply: DC or 50 - 60 Hz
- Power consumption max: see ordering references
- Working temperature: - 25 ÷ + 60°C
- Storage temperature: - 40 ÷ + 80°C
- Degree of protection: IP20
- According to EN60947-5-6
- Electromagnetic compatibility (EMC) according to EN61000-6-2/-4

INPUT PARAMETERS

- Switching point to ON: $\geq 1,75 \text{ mA}$
- Switching point hysteresis: $0,2 \text{ mA}$
- Failure detection thresholds: open circuit detection when $I < 0,05 \text{ mA}$
- short circuit detection when $I > 7,45 \text{ mA}$ ($R_i < 100 \text{ ohm}$)

OUTPUTS

- Output function: NO + NC (SPDT)
- Maximum contact voltage: 250 V
- Rated current: 5 A
- Activation/release typical time: 5/2 msec
- Bouncing on N.O./N.C. contacts typical: 1/5 msec
- Insulation from power supply and from inputs: 2500 V

SUPPLY VOLTAGE	N. CHANNELS	POWER CONSUMPTION MAX mA	ORDERING REFERENCES
24 V a.c. - d.c. $\pm 20\%$	2	60	AM-RL-24/2
85 ÷ 260 V a.c.	1	20	AM-RL-1122/1