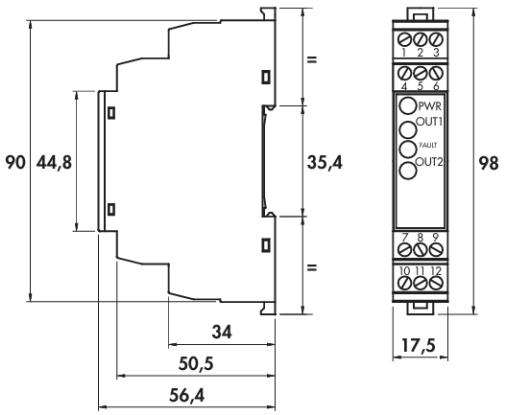
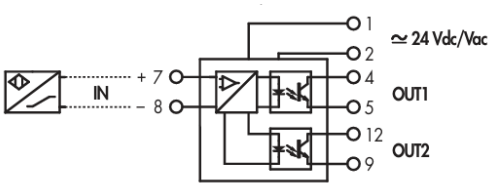
- **OPTOCOUPLED STATIC OUTPUTS**
- 1input - 2outputs

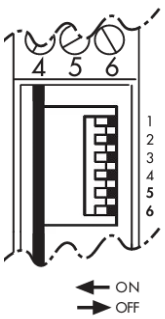
AM-OP-24/1-2



Connections AM-OP-24/1-2



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.

DIP 4÷6 Not used

General Features:

These units allow to amplifiy signals from NAMUR sensors or contacts. Each output is electrically insulated from each other, from power supply and from all the input. It is possible to configure them as N.O. or N.C. and use them as PNP or NPN. They are protected against over voltages on lines, overload and short circuit. 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 rail 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
- According to EN60947-5-6
- Electromagnetic compatibility
- (EMC) according to EN61000-6-2/-4 CE
- Degree of protection: IP20

- INPUT PARAMETERS
- Switching point to ON: 1,55 ÷1,75 mA
- Switching point hysteresis: 0,2 mA
- Failure detection thresholds: open circuit detection when I<0,05 mA
  short circuit detection when I > 7,45 mA (Ri<100Ω)

OUTPUTS
- Output function: N.O. or N.C. as for DIP-SW settings
- Polarity: NPN/PNP
- Switching frequency max: 2000 Hz
- Input/output delay max: 300 μs
- Output current max: 300 mA
- Max applicable voltage through the load: 65 V
- Voltage drop max in ON condition: 1,7 V
- Insulation from power supply and from inputs: 2500 V

SUPPLY VOLTAGE	N. CHANNELS	POWERCONSUMPTION MAX mA	**ORDERING REFERENCES**
24 V a.c. – d.c. ±20%	1	60	**AM-OP-24/1-2**

DS30042024AB