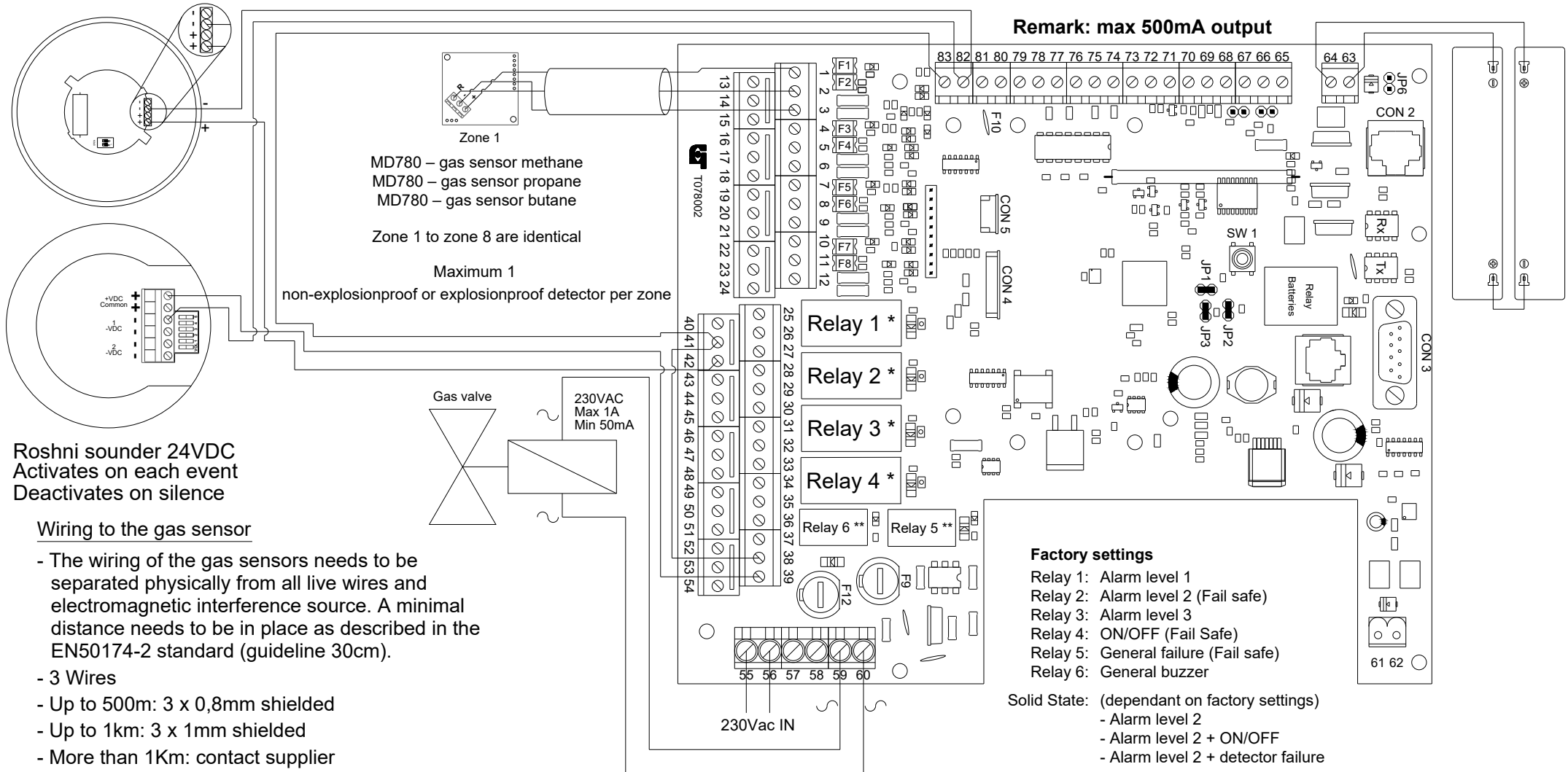


Wiring diagram MD780 – 8-zone gas detection control panel

SOLISTA – Flash 24VDC
Activates on alarm level 1
Deactivates on reset

The gas valve is closed on alarm level 2 on each zone and / or by placing a zone out of use. (dependant on factory setting)



Roshni sounder 24VDC
Activates on each event
Deactivates on silence

Wiring to the gas sensor

- The wiring of the gas sensors needs to be separated physically from all live wires and electromagnetic interference source. A minimal distance needs to be in place as described in the EN50174-2 standard (guideline 30cm).
- 3 Wires
- Up to 500m: 3 x 0,8mm shielded
- Up to 1km: 3 x 1mm shielded
- More than 1Km: contact supplier

Remark: Shielding must be connected to earth.


- (*) Maximum resistive power: 230VAC/2A each contact
Max inductive power or solenoid valve: 80W each contact
- (**) Max resistive power: 30VDC/1A

Remark: max 500mA output

Factory settings

- Relay 1: Alarm level 1
- Relay 2: Alarm level 2 (Fail safe)
- Relay 3: Alarm level 3
- Relay 4: ON/OFF (Fail Safe)
- Relay 5: General failure (Fail safe)
- Relay 6: General buzzer

- Solid State: (dependant on factory settings)
- Alarm level 2
 - Alarm level 2 + ON/OFF
 - Alarm level 2 + detector failure

				Wiring diagram MD780 - 8-zone gas detection control panel			
File	TA0780E02I	REV.	I				
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