

# Gas detectors

**SRG**  
**SRG.4**

SRG control units are din-rail gas detectors to connect SENSOR model probes to create gas detection systems, with the possibility of piloting a solenoid valve or an auxiliary device through an alarm relay. The operating logic is based on microprocessor with acquisition of probes signal and display of the alarms and of the faults via the LEDS. An alarm relay and a fault relay allow you to perform different system configurations.



## DIN-RAIL DETECTORS

- Power supply 12 V AC/DC  $\pm 20\%$
- Possibility of detecting more alarm situations
- Signalling through LED:
  - 1 green led: power supply
  - 1 yellow led: general fault
  - 1 red led: gas alarm (4 in the case of SRG.4)
  - 4 yellow leds: probe fault (only SRG.4)
- Possibility of choosing the operating mode in positive or negative logic
- Reset/test button to silence the alarm

## GENERAL CHARACTERISTICS

Power supply	V	12 V AC/DC $\pm (-20\% \div +20\%)$
Absorption with 1 probe	mA	$\sim 160$
Absorption with 4 probes (SRG.4 model)	mA	$\sim 280$
Output connections	3x2.5 mm <sup>2</sup> connection terminals for C-NC-NO relays	
Alarm output	1 relay with 1 contact SPDT 5 A 250 V AC	
Degree of protection	IP	40
Maximum connection length	m	50 for each probe

Code	Model	Description
VE204400	SRG	1 input gas detectors Sensor model probe
VE203600	SRG.4	4 input gas detectors Sensor model probe

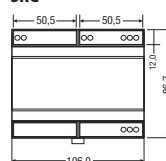
## REFERENCE STANDARDS

Compliance with Community Directives: 2006/95/EC (Low Voltage) and 2004/108/EC (E.M.C.) is declared in reference to the following harmonized standard: EN 61779-1 / EN 50270

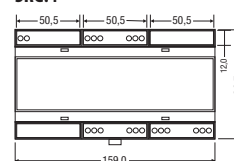
## DIMENSIONS (mm)

### Front view

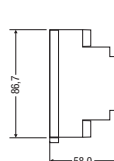
#### SRG



#### SRG.4



### Side view



## CONNECTION DIAGRAM

