





## ADJUSTMENT procedure for SENTINEL mod. AN/V for a given resistive value:

1. Connect 220V network to terminals 1 and 2
2. Power device  
GREEN LED WILL TURN ON [ On ]
3. Press TEST Push Button  
RED LED WILL TURN ON [ Fault ]
4. Press RESET T Push Button  
RED LED WILL TURN OFF [ Fault ]
5. Insert sample resistance between terminals 7-8
6. **Keeping reset button pressed**, adjust slowly, with an insulated screwdriver, the trimmer trough the hole placet under the green led, till the red led turn off, and then, even slower, backward to the position when the red led lights back on. ( *if at the beginning of procedure red led is already off, turn it on, turning the trimmer to one side of the scale*)
7. Remove sample resistance
8. Press RESET T Push Button  
RED LED WILL TURN OFF [ Fault ]
9. Insert sample resistance between terminals 7-8  
RED LED WILL TURN ON [ Fault ]

Steps 1-2-3-4 check if device is working properly. Adjustment is carried out in steps 5-6.

Steps 7-8-9 check if adjustment has been carried out correctly, if red led does not light at the end of step 9, please repeat adjustment procedure.

## Technical Data

Supply Voltage	115-230-400 VAC	50/60 Hz
Max Voltage to Monitor	500 VAC	50/60 Hz
Max Power dissipation.	2VA	
Max Relay Current	8A 250VAC or 8A 24VDC on resistive load	
Tripping threshold	50...300 KOhm	
Threshold precision	15%	
Tripping time (threshold 100KOhm)	c.a. 500mS	(insulation 50Kohm)
Internal resistance	1 MOhm	
Insulation	2.5 kV	
Working Temperature	-10 +40 °C	
Protection Class DIN 40050 (on terminals)	IP 20	
Dmensions	35x90x75 mm	
Weight	213 gr.	

**ArSilicii s.r.l.**

Loc. Fosci 25/F 53036 POGGIBONSI (SI)

Declares that:

**ISOMETER**

mod SENTINEL AN/V

Is built according European community regulation, including last modifications, and national regulations following this:

89/336/CEE Electromagnetic Compatibility  
73/23/CEE Low Voltage

The following regulations have been fulfilled:

EN 50081-1, EN 50081-2, EN 50082-1, EN 50082-2, EN 61000-3-2, EN 61000-3-3,  
EN 61000-4-2, EN 61000-4-4, EN 60335-1

**ArSilicii s.r.l.**

Paolo Meschinelli



Year of CE marking apposition