

INSULATION INDICATORS

Instrument which detects and measures an earth insulation failure in a three-phase circuit with insulated neutral with direct and continuous connection to the system (position G on switch). The IAC_VA models have a built-in alarm system with continuous adjustable setting device from 0 and 5 MΩ.



ALTERNATING CURRENT - NAVAL SERIES

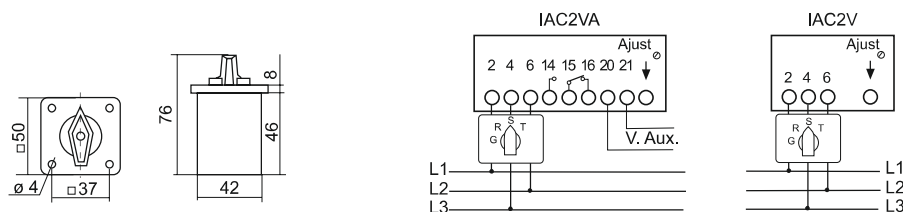
- Accuracy: $\pm 1,5\%$ (of U_n scale arch)
- Frequency: 50 or 60 Hz



Model		IAC3V	IAC2V	IAC3VA	IAC2VA
Dimensions	mm	96x96	144x144	96x96	144x144
Approx. weight	Kg.	0,92	1,20	0,92	1,20
INSULATION INDICATORS					
	V	230-400 or 440 V		230-400 or 440 V	
Aux. V	V	---		110 or 230 C.A.	

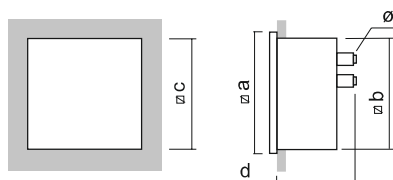
- Scale: 0..50..0 MΩ (1 MΩ to centre)
- Aux. v. range: $\pm 20\%$
- Guaranteed number of operations: 107
- Output contact: Switched at 2A, 230 V A.C. 200 VA
- Scale: 0-100 (Insulation comparison)
- Setting accuracy: $\pm 3\%$ of scale value
- To adjust operating limit, remove security cover or screw

Connection diagrams



If the insulation drops below the selected level, an internal spdt micro-relay closes the alarm circuit as the indicator, located beside the setting device, comes on. Moving the switch to position R, S or T, allows the faulty phase to be located. The phase with the lowest reading will have the insulation fault.

Dimensions (mm)



Models	Ranges	∇a	∇b	∇c	d	e	ø
IAC3V IAC3VA	230÷440	96	89	92 ^{+0,8}	92	100	M.4
IAC2V IAC2VA	230÷440	144	135	138 ⁺¹	89	140	M.4

ANALOGUE INSTRUMENTS