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AC analogue voltmeters

Indicators and transducers



Compliance with standards

- IEC 60051-1
- IEC 60414
- NF EN 60051-1
- DIN 43780
- NF C 42-010
- VDE 0410
- BS 5448
- BS 89

Function

SOCOMEC **ferromagnetic voltmeters** measure the AC voltage of any electrical circuit.
They are embedded in the front panel of cabinets, enclosures or other equipment.

Characteristics

- Pointer deflection: 90°.
- Insulating voltage: 660 V.
- Dielectric quality: 2 kV - 50 Hz - 1 mn.
- Consumption: 3 VA.
- Operating frequency: 45/65 Hz.
- Connection: screw or fast-on lugs.

Composition of the range

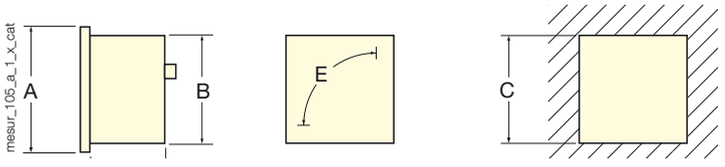
	Case	DIN 48-72-96	ROTEX 72-96
	Pointer deflection	**90°**	**90°**
	Connection	**direct**	**direct**
Rating			
0 - 150 V		•	•
0 - 250 V		•	•
0 - 300 V		•	•
0 - 500 V		•	•
0 - 600 V		•	•

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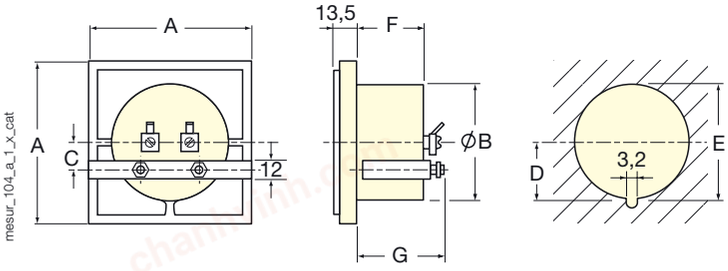
Case

DIN



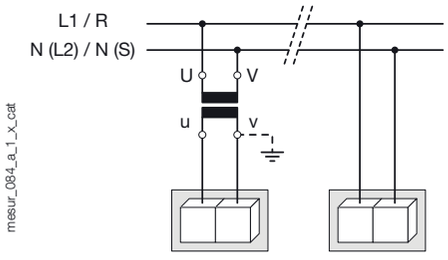
Pointer deflection: 90°				
A	**B**	**C**	**D**	**E**
48 x 48	44.5 x 44.5	$45^{+0.6}$	59	38
72 x 72	66.5 x 66.5	$68^{-0.7}$	58	65
96 x 96	89 x 89	$92^{-0.8}$	58	100

ROTEX



Pointer deflection: 90°						
A	**B**	**C**	**D**	**E**	**F**	**G**
72 x 72	54.5	11	28.5	$56^{\pm0.5}$	34.5	50.8
96 x 96	68	21.6	35.5	$70^{\pm0.5}$	34.5	50.8

Connections



References

Normal indication with 90° pointer deflection

	Direct connection				
	DIN 48x48 D48A90-V	**DIN 72x72 D72A90-V**	**DIN 96x96 D96A90-V**	**ROTEX 72x72 R72A90-V**	**ROTEX 96x96 R96A90-V**
Rating	**Reference**	**Reference**	**Reference**	**Reference**	**Reference**
0 - 150 V	192G **1003**				
0 - 250 V	192G **1004**	192G **1104**	192G **1204**	192G **2104**	
0 - 300 V		192G **1105**		192G **2105**	
0 - 500 V	192G **1007**	192G **1107**	192G **1207**	192G **2107**	192G **2207**
0 - 600 V			192G **1208**		