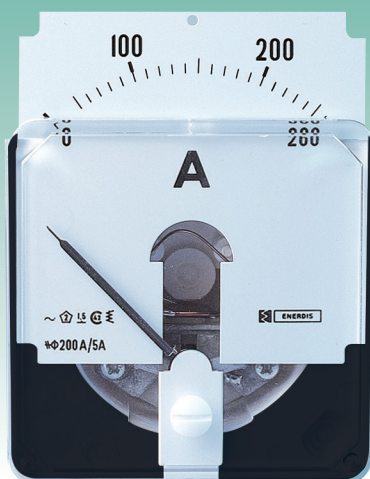


AC AMMETER



90° DEFLECTION

Standard-scale model

Accuracy class: 1.5

Measuring component: moving iron
50-60-400 Hz and rectified moving coil
50-10,000 Hz

Pseudo-linear scale (moving iron)

Interchangeable dial, except 144 x 144

Consumption: 1 VA

Motor-scale model

Accuracy class: 1.5

Measuring component: moving iron 50-60-400 Hz

Pseudo-linear scale

Calibrated 0-In up to 2/3 of deflection, with overload zone beyond. Interchangeable 90° dial, except 144 x 144 format

Consumption: 1 VA

250° DEFLECTION

Standard-scale model

Accuracy class: 1.5

Measuring component: rectified moving coil
50-10,000 Hz

Linear scale. With additional unit «A» in 48 x 48 format

Consumption: 0.5 VA

Motor-scale model

Accuracy class: 1.5

Measuring component: rectified moving coil
50-10,000 Hz

Linear scale

Calibrated 0-In up to 2/3 of deflection, with overload zone beyond

With additional unit «A» in 48 x 48 format

Consumption: 0.5 VA

FEASIBILITY LIMITS

		Deflection	90°			250°		
			48 x 48	72 x 72	96 x 96	48 x 48	72 x 72	96 x 96
Direct connection								
Standard scale	moving iron	0.5 to 15 A	0.5 to 50 A					
	moving coil		1 mA to 25 A			1 mA to 25 A		
Motor scale	moving iron 2 to 6 In	0.5 to 12 A	0.5 to 40 A					
	moving coil 2/3/5 In					0.5 to 20 A		
Connection on CT								
Standard scale	moving iron		1 to 6.6 A					
	moving coil		1.3 to 6.6 A			1.2 to 6.6 A		
Motor scale	moving iron 2 to 6 In		1 A and 5 A					
	moving coil 2/3/5 In					1 A and 5 A		

DIRECT CONNECTION

Deflection		90° (iron. 50 Hz)			250°		
Format		48 x 48	72 x 72	96 x 96	48 x 48	72 x 72	96 x 96
Rating	Scale In						
5 A	0-5 A	■	A90A 0302	A90A 0502	■	■	■
10 A	0-10 A	■	A90A 0303	A90A 0503	■	■	■
20 A	0-20 A		A90A 0304	A90A 0504		■	■
30 A	0-30 A		A90A 0305	A90A 0505			
50 A	0-50 A		A90A 0307	A90A 0507			
Rating	Scale 3 In						
5 A	0-5/15 A	■		A90A 0533	■	■	■
10 A	0-10/30 A	■		A90A 0534	■	■	■
20 A	0-20/60 A		■	A90A 0535		■	■
30 A	0-30/90 A		■	A90A 0536			
40 A	0-40/120 A		■	A90A 0537			
Rating	Scale 5 In						
5 A	0-5/25 A		■	■		■	■

CUSTOMIZED PRODUCT

	Instrument	Deflection/Motor scale	Format	Scale	Rating CT ratio	Frequency
Examples	Complete meter	90° iron 250° coil	72 x 72 96 x 96	0-15/90A 0-1.25/2.5 kA	direct 15A CT 1250/5 A	50 Hz 60 Hz

CONNECTION ON CT 5 A

Deflection		Iron. 50 Hz - 90°			Iron 50 Hz - 90°			250°		
		Panel meter and dial separate			Complete panel meter			Complete panel meter		
Format		48 x 48	72 x 72	96 x 96	48 x 48	72 x 72	96 x 96	48 x 48	72 x 72	96 x 96
Rapport	Scale	Panel meter only								
		A90A 0487	A90A 0486	A90A 0485						
CT	1,3 In	Dial only								
5/5 A	0-6,5 A	CADR 0136	CADR 0702	CADR 0492	■	■	■	■	■	■
10/5 A	0-13 A	CADR 0137	CADR 0703	CADR 0493	■	■	■	■	■	■
15/5 A	0-20 A	CADR 0138	CADR 0704	CADR 0494	■	■	■	■	■	■
20/5 A	0-26 A	CADR 0111	CADR 0461	CADR 0441	A90A 0211	A90A 0311	A90A 0511	■	■	A250 0611
25/5 A	0-32,5 A	CADR 0110	CADR 0701	CADR 0486	■	■	■	■	■	■
30/5 A	0-40 A	CADR 0112	CADR 0462	CADR 0442	A90A 0212	A90A 0312	A90A 0512	■	■	A250 0612
40/5 A	0-52 A	CADR 0113	CADR 0463	CADR 0443	A90A 0213	A90A 0313	A90A 0513	■	■	A250 0613
50/5 A	0-65 A	CADR 0114	CADR 0464	CADR 0444	A90A 0214	A90A 0314	A90A 0514	■	■	A250 0614
60/5 A	0-80 A	CADR 0115	CADR 0465	CADR 0445	A90A 0215	A90A 0315	A90A 0515	■	■	A250 0615
75/5 A	0-100 A	CADR 0116	CADR 0466	CADR 0446	A90A 0216	A90A 0316	A90A 0516	■	■	A250 0616
100/5 A	0-130 A	CADR 0117	CADR 0467	CADR 0447	A90A 0217	A90A 0317	A90A 0517	■	■	A250 0617
125/5 A	0-165 A	CADR 0118	CADR 0468	CADR 0448	A90A 0218	A90A 0318	A90A 0518	■	■	A250 0618
150/5 A	0-200 A	CADR 0119	CADR 0469	CADR 0449	A90A 0219	A90A 0319	A90A 0519	■	■	A250 0619
200/5 A	0-260 A	CADR 0120	CADR 0470	CADR 0450	A90A 0220	A90A 0320	A90A 0520	■	■	A250 0620
250/5 A	0-325 A	CADR 0121	CADR 0471	CADR 0451	A90A 0221	A90A 0321	A90A 0521	■	■	A250 0621
300/5 A	0-400 A	CADR 0122	CADR 0472	CADR 0452	A90A 0222	A90A 0322	A90A 0522	■	■	A250 0622
400/5 A	0-520 A	CADR 0123	CADR 0473	CADR 0453	A90A 0223	A90A 0323	A90A 0523	■	■	A250 0623
500/5 A	0-650 A	CADR 0124	CADR 0474	CADR 0454	A90A 0224	A90A 0324	A90A 0524	■	■	A250 0624
600/5 A	0-800 A	CADR 0125	CADR 0475	CADR 0455	A90A 0225	A90A 0325	A90A 0525	■	■	A250 0625
750/5 A	0-1 kA	CADR 0126	CADR 0476	CADR 0456	A90A 0226	A90A 0326	A90A 0526	■	■	A250 0626
800/5 A	0-1,04 kA	CADR 0135	CADR 0481	CADR 0487	■	■	■	■	■	■
1000/5 A	0-1,3 kA	CADR 0127	CADR 0477	CADR 0457	A90A 0227	A90A 0327	A90A 0527	■	■	A250 0627
1250/5 A	0-1,65 kA	CADR 0128	CADR 0478	CADR 0458	A90A 0228	A90A 0328	A90A 0528	■	■	A250 0628
1500/5 A	0-2 kA	CADR 0129	CADR 0479	CADR 0459	A90A 0229	A90A 0329	A90A 0529	■	■	A250 0629
2000/5 A	0-2,6 kA	CADR 0130	CADR 0480	CADR 0460	A90A 0230	A90A 0330	A90A 0530	■	■	A250 0630
2500/5 A	0-3,25 kA	CADR 0131	CADR 0482	CADR 0488	■	A90A 0331	A90A 0531	■	■	■
3000/5 A	0-4 kA	CADR 0132	CADR 0483	CADR 0489	■	A90A 0332	A90A 0532	■	■	■
4000/5 A	0-5,2 kA	CADR 0133	CADR 0484	CADR 0490	■	■	■	■	■	■
5000/5 A	0-6,5 kA	CADR 0134	CADR 0485	CADR 0491	■	■	■	■	■	■
Rapport	Scale	Panel meter only								
		A90A 0107	A90A 0106	A90A 0105						
CT	3 In	Dial only								
5/5 A	0-5/15 A	CADR 0139	CADR 0169	CADR 0059	A90A 0239	A90A 0339	A90A 0539	■	■	A250 0639
10/5 A	0-10/30 A	CADR 0140	CADR 0170	CADR 0060	A90A 0240	A90A 0340	A90A 0540	■	■	A250 0640
15/5 A	0-15/45 A	CADR 0141	CADR 0171	CADR 0061	A90A 0241	A90A 0341	A90A 0541	■	■	A250 0641
20/5 A	0-20/60 A	CADR 0142	CADR 0172	CADR 0062	A90A 0242	A90A 0342	A90A 0542	■	■	A250 0642
25/5 A	0-25/75 A	CADR 0167	CADR 0168	CADR 0087	■	■	■	■	■	■
30/5 A	0-30/90 A	CADR 0143	CADR 0173	CADR 0063	A90A 0243	A90A 0343	A90A 0543	■	■	A250 0643
40/5 A	0-40/120 A	CADR 0144	CADR 0174	CADR 0064	A90A 0244	A90A 0344	A90A 0544	■	■	A250 0644
50/5 A	0-50/150 A	CADR 0145	CADR 0175	CADR 0065	A90A 0245	A90A 0345	A90A 0545	■	■	A250 0645
60/5 A	0-60/180 A	CADR 0146	CADR 0176	CADR 0066	A90A 0246	A90A 0346	A90A 0546	■	■	A250 0646
75/5 A	0-75/225 A	CADR 0147	CADR 0177	CADR 0067	A90A 0247	A90A 0347	A90A 0547	■	■	A250 0647
100/5 A	0-100/300 A	CADR 0148	CADR 0178	CADR 0068	A90A 0248	A90A 0348	A90A 0548	■	■	A250 0648
125/5 A	0-125/375 A	CADR 0149	CADR 0179	CADR 0069	A90A 0249	A90A 0349	A90A 0549	■	■	A250 0649
150/5 A	0-150/450 A	CADR 0150	CADR 0180	CADR 0070	A90A 0250	A90A 0350	A90A 0550	■	■	A250 0650
200/5 A	0-200/600 A	CADR 0151	CADR 0181	CADR 0071	A90A 0251	A90A 0351	A90A 0551	■	■	A250 0651
250/5 A	0-250/750 A	CADR 0152	CADR 0182	CADR 0072	A90A 0252	A90A 0352	A90A 0552	■	■	A250 0652
300/5 A	0-300/900 A	CADR 0153	CADR 0183	CADR 0073	A90A 0253	A90A 0353	A90A 0553	■	■	A250 0653
400/5 A	0-0,4/1,2 kA	CADR 0154	CADR 0184	CADR 0074	A90A 0254	A90A 0354	A90A 0554	■	■	A250 0654
500/5 A	0-0,5/1,5 kA	CADR 0155	CADR 0185	CADR 0075	A90A 0255	A90A 0355	A90A 0555	■	■	A250 0655
600/5 A	0-0,6/1,8 kA	CADR 0156	CADR 0186	CADR 0076	■	A90A 0356	A90A 0556	■	■	■
750/5 A	0-0,75/2,25 kA	CADR 0157	CADR 0187	CADR 0077	■	A90A 0357	A90A 0557	■	■	■
800/5 A	0-0,80/2,4 kA	CADR 0158	CADR 0188	CADR 0078	■	■	■	■	■	■
1000/5 A	0-1/3 kA	CADR 0159	CADR 0189	CADR 0079	■	■	■	■	■	■
1200/5 A	0-1,2/3,6 kA	CADR 0160	CADR 0190	CADR 0080	■	■	■	■	■	■
1500/5 A	0-1,5/4,5 kA	CADR 0161	CADR 0191	CADR 0081	■	■	■	■	■	■
2000/5 A	0-2/6 kA	CADR 0162	CADR 0192	CADR 0082	■	■	■	■	■	■
2500/5 A	0-2,5/7,5 kA	CADR 0163	CADR 0193	CADR 0083	■	■	■	■	■	■
3000/5 A	0-3/9 kA	CADR 0164	CADR 0194	CADR 0084	■	■	■	■	■	■
4000/5 A	0-4/12 kA	CADR 0165	CADR 0195	CADR 0085	■	■	■	■	■	■
5000/5 A	0-5/15 kA	CADR 0166	CADR 0196	CADR 0086	■	■	■	■	■	■

ASSOCIATED PRODUCTS



Accessories

Seal, ring fastener, dial, sleeve, etc.
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Current transformers

Cable primary, busbar primary, closed core or split core, etc.
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