

DC AMMETER



90° DEFLECTION

Accuracy class: 1.5

(option class 1 except 48 x 48)

Measuring component: Moving coil

Linear scale

Interchangeable dial, except 144 x 144

Voltage drop: 60 mV for rating ≥ 50 mA
variable for rating < 50 mA

240° DEFLECTION

Accuracy class: 1.5

Measuring component: Moving coil

Linear scale

Voltage drop: 100 mV for rating ≥ 10 mA
variable for rating < 10 mA

FEASIBILITY LIMITS

Deflection		90°			250°		
Format		48 x 48	72 x 72	96 x 96	48 x 48	72 x 72	96 x 96
Direct connection	Zero position, left or central	50 mA to 20 A			50 μ A to 75 A		
Process signal connection	Zero position set	4-20 mA 10-50 mA 2-10 mA			4-20 mA 10-50 mA 2-10 mA 4-23,2 mA		
Shunt connection	Zero position, left or central	50 mV 60 mV 100 mV 120 mV 150 mV 300 mV 360 mV			50 mV 60 mV 100 mV 120 mV 150 mV 300 mV		

DIRECT CONNECTION

Deflection		90°			240°		
Format		48 x 48	72 x 72	96 x 96	48 x 48	72 x 72	96 x 96
Rating	Scale						
5 A	0-5 A	■	■	■	■	■	■
10 A	0-10 A	■	■	■	■	■	■
15 A	0-15 A	■	■	■			
25 A	0-25 A		■	■			

CONNECTION ON 100 mV SHUNT

Deflection		90°			240°		
Format		48 x 48	72 x 72	96 x 96	48 x 48	72 x 72	96 x 96
Shunt	Scale 1,2 In						
5 A	0-6 A	■	■	■	■	■	■
10 A	0-12 A	■			■	■	■
15 A	0-18 A	■			■	■	■
20 A	0-24 A	■	■	■	■	■	■
25 A	0-30 A	■	■ C90S 1403	■ C90S 1503	■	■	■
30 A	0-36 A	■	■	■	■	■	■
40 A	0-48 A	■	■	■	■	■	■
50 A	0-60 A	■	■ C90S 1406	■ C90S 1506	■	■	■
60 A	0-72 A	■	■	■	■	■	■
75 A	0-90 A	■	■ C90S 1408	■ C90S 1508	■	■	■
100 A	0-120 A	■	■ C90S 1409	■ C90S 1509	■	■	■
125 A	0-150 A	■	■	■	■	■	■
150 A	0-180 A	■	■ C90S 1411	■ C90S 1511	■	■	■
200 A	0-240 A	■	■	■	■	■	■
250 A	0-300 A	■	■ C90S 1413	■ C90S 1513	■	■	■
300 A	0-360 A	■	■	■	■	■	■
400 A	0-480 A	■	■	■	■	■	■
500 A	0-600 A	■	■ C90S 1416	■ C90S 1516	■	■	■
600 A	0-720 A	■	■	■	■	■	■
1000 A	0-1200 A	■	■	■	■	■	■

CUSTOMIZED PRODUCT

	Connection	Deflection	Format	Zero position	Rating	Beginning/end of scale
Examples	direct signal process	90° 250°	72 x 72 96 x 96	left set	60 A 4-20 mA	0-60 A 0-1500 RPM

ASSOCIATED PRODUCTS



Accessories

Seal, ring fastener, dial, sleeve, etc.
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SHUNTS

1 to 6,000 A
Vast choice whatever your application.
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