

Electronic Measurement Instruments

RX-DA-XX Electronic Ammeter

Application and Operation Principles

R1 - DAXX, R2 - DAXX and R3 - DAXX are used to precisely measure and monitor the RMS value of AC current in between two set points. Possession of 10-1500 A measuring range make RX-DA electronic ammeters the most demanded for different purpose of applications. RX-DA are being commonly used in the panel boards of which provide an extensive control of high current flowing system.

R1-DA-XX : The current value is displayed once the meter is energized. R1-DAXX types must be carefully selected according to the use of current transformer.

R2-DA-XX : Current Transform Ratio (Primer current value) is adjustable via dip switch built on the back.

R3-DA-XX : Up to 50 A without current transformer, the current is directly measured.

Technical Datas

Supply Voltage	: 220-240 V AC 50Hz-60 Hz
Measurement Interval	: 10...1500/5 A
Measurement Sensitivity	: $\pm 2\%$
Operation Temperature	: -40°C ... $+50^{\circ}\text{C}$
Net Weight	: 348 gr (96x96), 346 gr (72x72)

NOTE : Upon request, the ammeter with different voltages supplies can be produced.

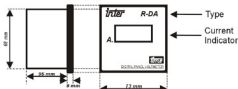
Order Informations

Type	Supply Voltage	Signal Input
R1 - DA - XX	220-240 V AC 50-60Hz	10 -1500/5 A
R2 - DA - XX	220-240 V AC 50-60Hz	10 -1500/5 A
R3 - DA - XX	220-240 V AC 50-60Hz	0 - 50 A

Available Dimensions

Type	Dimensions (mm)
R1 - DA - 96	96 x 96 x 68
R1 - DA - 72	72 x 72 x 95
R2 - DA - 96	96 x 96 x 68
R2 - DA - 72	72 x 72 x 95
R3 - DA - 96	96 x 96 x 68
R3 - DA - 72	72 x 72 x 95

Dimensions and Front View Informations



Connection Diagrams

R1 - DA



Terminals

a, a₁ : Supply Voltage
1, 2 : Signal Input

R2 - DA



Terminals

a, a₁ : Supply Voltage
1, 2 : Signal Input
Sx : Grade Switches

Switch Position (R2-DA)

<input type="checkbox"/>	25A	<input type="checkbox"/>	500A
<input type="checkbox"/>	50A	<input type="checkbox"/>	750A
<input type="checkbox"/>	75A	<input type="checkbox"/>	1000A
<input type="checkbox"/>	100A	<input type="checkbox"/>	1250A
<input type="checkbox"/>	150A	<input type="checkbox"/>	1400A
<input type="checkbox"/>	200A	<input type="checkbox"/>	1500A
<input type="checkbox"/>	400A		

Switch condition

On
 Off

R3 - DA



Terminals

a, a₁ : Supply Voltage
1, 2 : Signal Input