

MOVING IRON INSTRUMENTS



Type		IQ 48	IQ 72	IQ 96
Front flange	mm	49 x 49 ¹⁾	72 x 72	96 x 96
Housing	mm	45 x 45	67 x 67	91 x 91
Class		2.5	1.5	1.5
Scale length	mm	34	67	103
Frequency range	Hz	15-100	15-100	15-100
Test voltage	V~	4300	4300	4300
Weight	kg	0.10	0.15	0.22

1) Mosaic performance for 48 x 48 on request.

Ammeters

Measuring range	IQ 48	IQ 72	IQ 96
	ΔU ca mV		
300 mA	–	2000	–
1 A	800	800	800
2,5 A	330	330	–
4 A	–	–	200
6 A	130	130	130
10 A	130	130	130
15 A	80	80	80
25 A	55	55	55
40 A	–	30	30
60 A	–	40	40
X/1 A ²⁾	550	550	550
X/5 A ²⁾	130	130	130

Scales are manufactured with 20% overrange e. g. CT 100/5 A, scale 0-120 A.

Instruments can also be made for 2, 3 or 5 times overload.

2) For instrument transformer, transformer data to be given.

Voltmeters

Measuring range	IQ 48	IQ 72	IQ 96
	R_i ca Ω/V		
60 V	35	35	35
100 V	40	40	40
150 V	50	50	50
250 V	90	90	90
300 V	–	–	90
400 V	150	150	150
500 V	150	150	150
600 V	–	150	150
800 V	–	200	200
X/100 V ²⁾	40	40	40
X/110 V ²⁾	40	40	40

Other voltage ranges on request.

2) For instrument transformer, transformer data to be given.