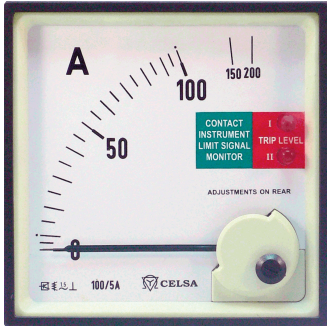


ANALOGUE MEASURING INSTRUMENTS

EQC96n - Moving iron instrument with electronic limit control



- With moving iron movement
- For AC current and AC voltage
- Class 1,5

Backside adjustment

Description

The technical features of the movements are same as the features of the moving iron instruments. Only this has an additionally electronic limit control. (Type EQ see page 4/3)

Electronic:

Auxiliary supply: 230 V ~ ± 10 % (50-60 Hz)
other voltages on request

Output relays: 2 changeover relays, potential free

Hysteresis: 2 % of the full scale

Repeatability: 1 % of the full scale

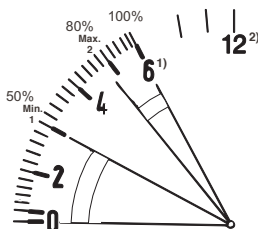
Adjustment

with potentiometer: from 0 to 100 % of the nominal range of scale¹⁾ Tolerance ± 5 %

Time delay: 0 to 20 sec. ± 3 sec.

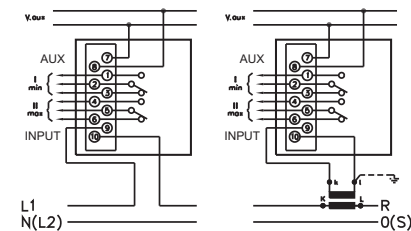
¹⁾ Nominal current input range

²⁾ Nominal 100 % for voltage inputs or ammeter without overload.

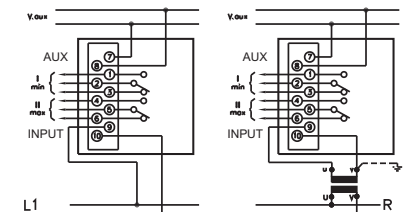


Connection diagrams

Ammeter



Voltmeter



Technical Features

Type	EQC 96n/1	EQC 96n/2 max. EQC 96n/2min.
Front frame (mm)	96 x 96	96 x 96
Scale length (mm)	94	94
Weight (g)	540	540
Relay output	1 max. + 1 min.	2 max. (or 2 min)
Burden auxiliary supply (VA)	3	3

Burden of the movements see EQ-instruments on page 4/3

Standard Measuring Ranges

AC Voltage	AC Current
6 V	
10 V	100 mA
15 V	150 mA
25 V	250 mA
40 V	400 mA
60 V	600 mA
100 V	1 A
150 V	1,5 A
250 V	2,5 A
300 V	4 A
400 V	6 A
500 V	
600 V	
For voltage transformers .../ 100 V secondary .../ 110 V secondary	For current transformers .../ 1 A .../ 5 A

Dimensions

Dimensions in mm

Type	a	c	d	e	g	h	Terminals
EQC 96n	96	99	-	92 ^{+0,8}	26	5,5	screw terminals

