

# ANALOGUE MEASURING INSTRUMENTS

## EQC96n - Moving iron instrument with electronic limit control



- For AC current and AC voltage
- Class 1,5

Backside adjustment

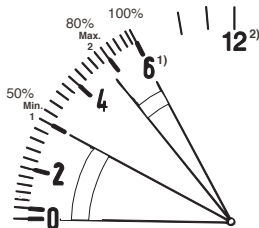
### Description

Moving-iron movement with silicone oil damping with an additionally electronic limit control. Pivot suspension with spring loaded jewel bearings for vibration and shock resistance.

- 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 scale<sup>1)</sup> Tolerance ± 5 %
- Time delay: 0 to 20 sec. ± 3 sec.

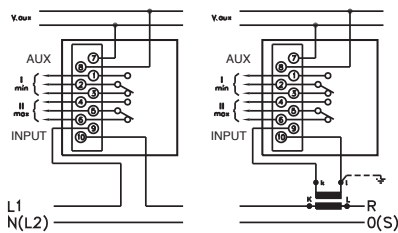
<sup>1)</sup> Nominal current input range

<sup>2)</sup> Nominal 100 % for voltage inputs or ammeter without overload.

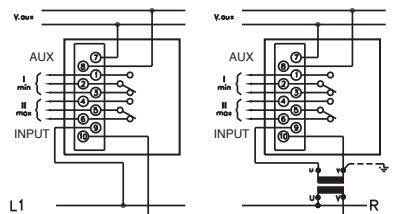


### Connection diagrams

#### 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
Output relay		1 max. + 1 min.	2 max. (or 2 min)
Burden auxiliary supply (VA)		3	3

### Standard Measuring Ranges

AC Voltage AC	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 secundario .../ 110 V secundario	For current transformers .../ 1 A .../ 5 A

### Dimensions en mm

Type	a	c	d	e	g	h	Terminals
EQC 96n	96	99	-	92 <sup>+0,8</sup>	26	5,5	Screw terminals

