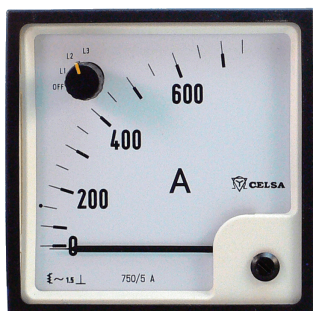


ANALOGUE MEASURING INSTRUMENTS

EQ..n SWT - Moving iron voltinstruments with integrated ammeter switch



- Class 1.5

Description

They are an ammeter for measuring the current in each phase of a 50-60 Hz three-phase line. Three-phase voltmeters are used for measuring the voltages between phases, or phase-phase and phase-neutral in a line. They incorporate a switch in order to select the wires between which the measurement is desired. The EQ..n SWT also has a position of disconnection in the switch (OFF). They indicate the rms value of the voltage, even with high harmonics, with a minor influence on the accuracy.

Please indicate on order if instruments are connected directly (max. 10 A), or to a current transformer. In this case, please indicate ratio of current transformer).

Electrical data

Overload capacity according to DIN 43780

Continuously 1,2 times rated value

Short duration 2 x UN 5 s voltmeters

The setting time is approximately 1 minute.

Consumption

1 VA per phase

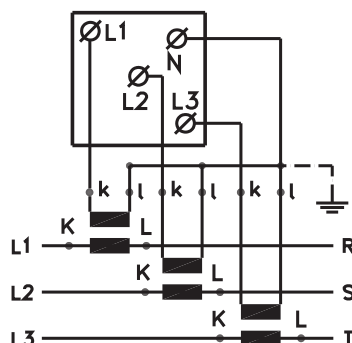
Moving iron

Moving coil with rectifier system in the ammeter, self-shielding movement, with core magnet. They use hairsprings for the creation of the restoring torque, and pivot suspension with spring-loaded jewel bearings for vibration and shock resistance

Scales

90° scale with coarse-fine division. Scales are practically linear.

Connection diagram switchable ammeter



Technical Features

Type		EQ72n SWT	EQ96n SWT
Front frame (mm)		72 x 72	96 x 96
Scale length (mm)		91	97
Weight (g)		190	230
Panel cut-out (mm)		66 ^{+ 0,7}	92 ^{+ 0,8}
Installation depth (mm)		55	55
Switch settings	Measuring range		
4 positions L1, L2, L3, OFF	mA= 400	○	○
	600	○	○
	A= 1	○	○
	1,5	○	○
	2,5	○	○
	4	○	○
	6	○	○
	For connection at .../5	●	●
	the current .../1	●	●
	Terminal cover according to VGB 4 included		●

● available ○ on request

Dimensions in mm / Weight in gramme

Modelo	a	b	c	d	e	f	g	h	Ø	weight
EQ72n SWT	72	-	53	68	68 +0,7	-	40	5	M4	190
EQ96n SWT	96	-	53	68	92 +0,8	-	40	5	M4	230

