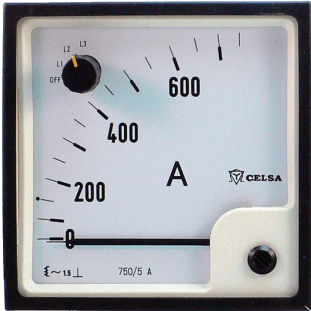


ANALOGUE MEASURING INSTRUMENTS

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

1VA per phase

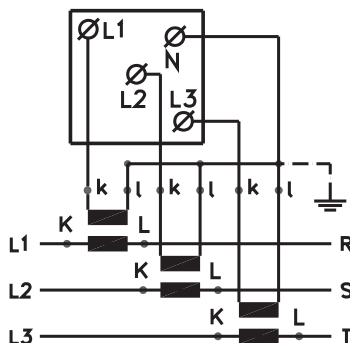
Moving iron

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	<input type="radio"/>	<input type="radio"/>
		600	<input type="radio"/>	<input type="radio"/>
	A=	1	<input type="radio"/>	<input type="radio"/>
		1,5	<input type="radio"/>	<input type="radio"/>
		2,5	<input type="radio"/>	<input type="radio"/>
		4	<input type="radio"/>	<input type="radio"/>
	6	<input type="radio"/>	<input type="radio"/>	
	For connection at .../5 the current .../1		<input checked="" type="radio"/>	<input checked="" type="radio"/>
	Terminal cover according to VGB 4 included		<input checked="" type="radio"/>	<input checked="" type="radio"/>

● 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

