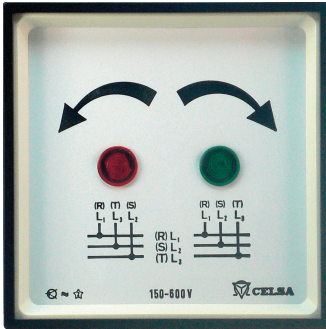


ANALOGUE MEASURING INSTRUMENTS

ISE - Phase sequence indicators



- ISE/1 for three-phase current
- ISE/2 for three-phase current with switch contact

Description

These instruments are constructed without any movable parts. Their construction is electronic. Phase sequence indicators serve to determine the phase sequence in 3-phase systems. These instruments ISE 72s/1 and ISE 96s/1 are suited for the permanent connection at voltages between 150 and 600 V. If the phases are connected in accordance with the clamp name the green control lamp flashes. Otherwise the red control lamp flashes. For type ISE 96s/2 the rated voltage has to be indicated. It is an instrument with switch contact. As soon as the red control lamp flashes the control unit is activated. A relay output is available with an isolated switch-over contact.

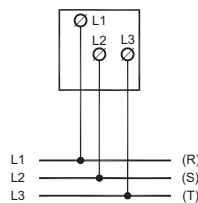
Technical Features ISE96/2:

Voltage: 110 / 230 / 400 / 440 V
 50 or 60 Hz
 Switching range: $U_N +20\%$ up to $-20\% U_N$
 Relay output: 1 isolated change-over contact (changer)
 Switching capacity at ohmic load: 1×10^6 .
 Maximal switching current: 6 A, 250 V max. 300 W at alternating voltage

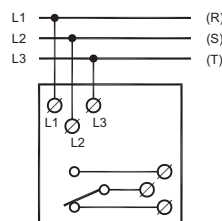
Connection diagrams:

ISE 72n/1

ISE 96n/1



ISE96s/2



Technical Features

Type	ISE 72n/1	ISE 96n/1	ISE 96fs/2
Front frame (mm)	72 x 72	96 x 96	96 x 96
Weight (g)	200	250	600
Consumption	1,5	1,5	1,5
Voltage (V)			
150 - 600 V	●	●	—
110 V	—	—	○
230 V	—	—	○
400 V	—	—	●
440 V	—	—	○
500 V	—	—	○
Terminal cover	●	●	●

● available ○ on request

Backside terminal cover for protection according to VBG 4
 (Please indicate when ordering.)

Housing dimensions phase sequence indicators

Dimensions in mm

Type	a	c	d	e	g	h	∅
ISE 72n/1	72	58	76	68 ^{+0,7}	40	4,6	M4
ISE 96n/1	96	58	76	92 ^{+0,8}	40	5	M4
ISE 96fs/2	96	78	95	92 ^{+0,8}	10	5	M4

