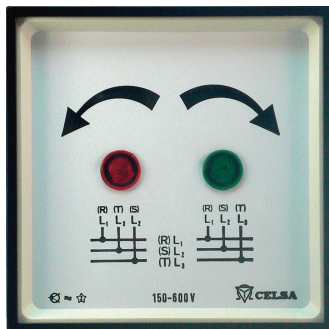


ANALOGUE MEASURING INSTRUMENTS

ISE - Phase sequence indicators



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

Description

Phase sequence indicators allow to determinate the phase sequence in a 3-phase network. They use an electric circuit, without moving parts. When the instrument is connected, if the phase-sequence is correct a green light shines. Otherwise, a red light does.

- ISE72n/1 and ISE96n/1: Indicators for panel mounting are suited for permanent connections at voltages between 150 and 600V.

- ISE 96s/2: Indicator for panel mounting. It also incorporates a change-over relay, with potential-free output contacts. When the sequence is not correct or the instrument is disconnected, the relay de-energizes (closed circuit principle). Thus, an alarm can be triggered or any corrective action can be taken.

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)

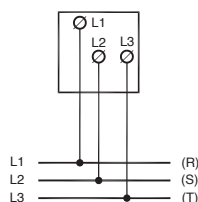
Switching capacity at ohmic load: 1×10^6 .

Maximal switching current: 6 A, 250 V max. 300 W at alternating voltage

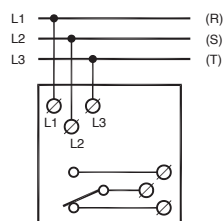
Connection diagrams:

ISE 72n/1

ISE 96n/1



ISE96s/2



Technical Features

Type	ISE 72n/1	ISE 96n/1	ISE 96s/2
Front frame (mm)	72 x 72	96 x 96	96 x 96
Consumption (VA)	1,5	1,5	1,5
Voltage (V)			
150 - 600 V	●	●	—
110 V	—	—	○
230 V	—	—	○
400 V	—	—	○
440 V	—	—	○
500 V	—	—	○
Terminal covers	●	●	○

● available ○ on request

Backside terminal cover for protection according to VGB 4

(Please indicate when ordering.)

Dimensions in mm / Weight in gramme

Type	a	c	d	e	g	h	Ø	Weight
ISE72n/1	72	58	76	68 ^{+0,7}	40	4,6	M4	270
ISE96n/1	96	58	76	92 ^{+0,8}	40	5	M4	350
ISE96s/2	96	78	95	92 ^{+0,8}	10	5	M4	575

