

VOLTAGE DETECTOR

TYPE CSA

for HR-Systems

General Description

The pluggable voltage indicator CSA can be used for voltage indication in HR voltage detection systems. The voltage detector modul is manufactured and tested according to the requirements of IEC 61243-5 (VDE 0682-415).

The voltage indicator modul type CSA does not require any power supply.

Application

The voltage detector type CSA is used for the voltage display on capacitive measurement points in HR systems.

In the presence of voltage the LED will blink.

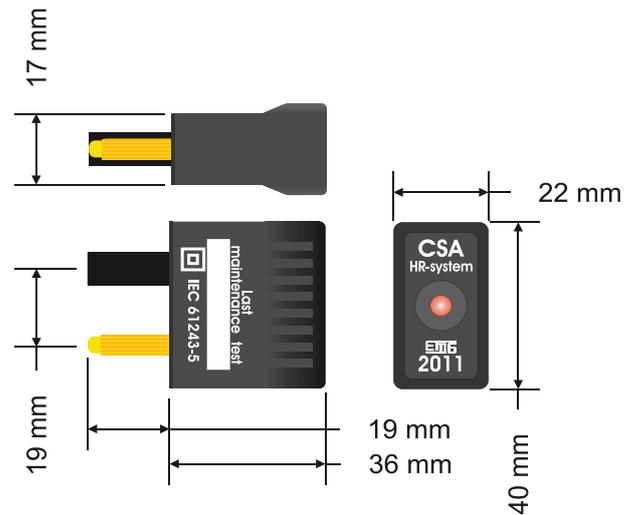


figure 1 - measurements and markings

Technical Description

The unit is fully insulated. The label on the front of the device refers to the version of the voltage detection system. The label on the side of the housing refers to the applied standard and the latest repeated inspection (refer to figure 1).

For the full function test, the device can be checked by an external testing device.

The repeated inspection shall be performed in accordance with the requirements of the standard IEC 61243-5 (VDE 0682-415).



figure 2 - voltage indicator type CSA

technical data	values
applied standard	IEC 61243-5 (VDE 0682-415)
interface requirement	HR-system
nominal frequency	50 Hz
response voltage	measuring point: 70V to 90V
current consumption	ca. 2,5 µA
flashing frequency	> 1Hz
type of luminaire	LED
protection class	IP65
operating temperature	-25° C to +65° C
housing material	ABS HI100-NP
dimensions	housing: (W x H x D) 22mm x 40mm x 36mm including pins: (W x H x D) 22mm x 40mm x 55mm (refer to dimensional drawing figure 1)
weight	35g