



### Bipolar phase correspondence indicator and voltage detector



**Code: CL 8-36**

The CL 8-36 phase correspondence is a bipolar device intended for the inspection of phase correspondence and presence/absence of voltage by direct contact with elements of the indoor and outdoor medium voltage installations in dry weather conditions.

The device also allows the inspection of the condition of medium voltage fuses.

Prior to inspection, the indicator must be set to operating voltage (2, 3, 6, 10, 15, 20, 30 kV) by means of the rotary switch on the front panel.

The indicator display system (9 LEDs) allow the optical signalling of the potential difference between two phases (or a phase and earth), implicitly signalling the presence of voltage.



#### Technical characteristics

Rated operating voltage (kV)	2 ÷ 36
Total length (m)	1,2
Antenna length (m)	0,55
Cable length (m)	1,45
Maximum operating distance (m)	2,25
Weight - box included (kg)	3,95

### Voltage detectors - DTCIER/P type - for HV power installations

**SR EN 61243-1**



**Code: DTCIER/P 110 kV**  
**DTCIER/P 220-400 kV**

The DTCIER/P 110 kV and DTCIER/P 220-400 kV are designed for the inspection of the presence/absence of voltage by direct contact with elements of indoor and outdoor power installations, in dry or wet weather conditions.

After the operational test, the detector is attached to the "hexagon 12" socket coupling system of the insulating stick and it is brought closer to the conductor to be inspected until there is contact between the detector electrode and the conductor. If the element is live, the detector will indicate this by intermittent red optical signals (also visible in strong ambient lighting conditions) and acoustic signals with an intensity of more than 90 dB (A).



**DETAIL**  
**OPTICAL SIGNALLING**



**DTCIER/P 110 kV**



**DTCIER/P 220-400 kV**

Detector type	DTCIER/P 110 kV	DTCIER/P 220-400 kV
Rated operating voltage (kV)	110	220 ÷ 400
Operating temperature range (°C)	-25 ...+55	-25 ...+55
Supply	9 V alkaline battery type 6LR61	9 V alkaline battery type 6LR61
Overall size - without contact electrode (mm)	Ø 78 x 165	Ø 78 x 165
Overall size - with contact electrode (mm)	Ø 78 x 380	Ø 78 x 380
Detector weight with battery (kg)	0,530	0,530
Usable in wet weather	YES	YES