

## BL-I/BL-A Voltage Detectors

### Product Features

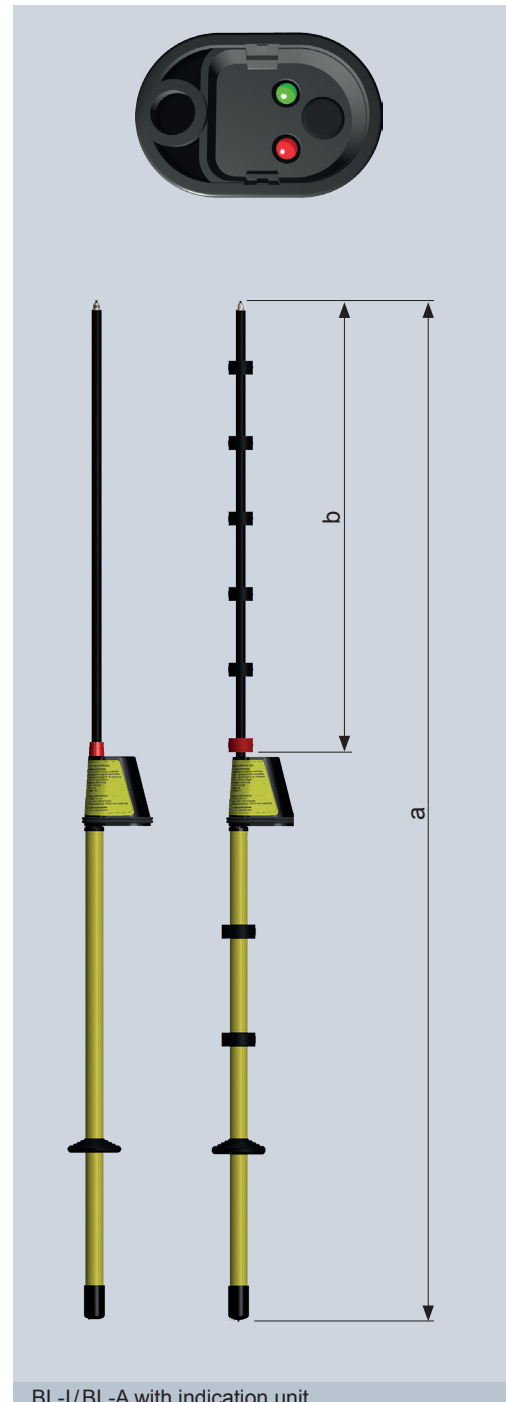
- Designed according to IEC 61243-1 (VDE 0682-411), Category S
- BL-I: indoor type 🏠
- BL-A: outdoor type 🏠 ☔
- Voltage indication visual 👁️  
or visual/audible 👁️ 🔊
- Built-in self-test function

The BL-I/BL-A devices belong to the Comet series and are capacitive voltage detectors for testing the voltage on one pole. They are intended for the detection of operating voltages clearly indicating either the "Voltage Present" or "No Voltage Present" state.

The voltage detectors are provided with a built-in self-test facility which checks the function of the circuit including the test prod (comprehensive self-test function) before each use.

For transportation purposes, the insulating element can be removed from the display with the contact electrode.

According to the German accident prevention standard DGUV Regulation 3 (Table 1c), the device is subject to maintenance tests with minimum intervals of at least 6 years.










BL-I/BL-A with indication unit

## BL-I/BL-A

### Voltage Detectors

Technical Data	BL-I	BL-A
Use	In dry conditions, normally indoors	In dry and wet conditions, either indoors or outdoors
Indication	<ul style="list-style-type: none"> <li>Visual: 1 red LED/1 green LED</li> <li>Visual and audible: 1 red LED/1 green LED/1 signal transmitter</li> </ul>	
Nominal frequency	50 Hz (optional 60 Hz)	
Power supply	2 lithium cells, each 1.5 Ah, 2 x 3 V, Battery service life: 6 years based on 10 ready cycles per day for a total of 230 work days per year	
Operating temperature	-25 to +70 °C, climatic class N and W	

Nominal Voltage [kV]	Total Length a [mm]	Insertion Depth b [mm]	Order No.			
			BL-I 		BL-A  	
						
5	1,270	462	50-0901-011	50-0903-008	50-1001-009	50-1003-009
10	1,270	462	50-0901-012	50-0903-009	50-1001-010	50-1003-010
20	1,420	612	50-0901-013	50-0903-010	50-1001-011	50-1003-011
6-10	1,420	612	50-0901-014	50-0903-011	50-1001-012	50-1003-012
10-20	1,570	762	50-0901-015	50-0903-012	50-1001-013	50-1003-013
20-30	1,570	762	50-0901-022	50-0903-018	50-1001-015	50-1003-018

Accessories	Order No.
Extension rod	see on page 66
Probe tip	
Extension rod with probe tip	
Catch fork	
Universal plastic case	

## Accessories

for Voltage Detectors and Phase Comparators

### Universal plastic case

for products:	Dimensions [mm]			Order No.
	a	b	c	
FL-I, BL-I, BL-A, BS-I, BS-A, COMPARE 2.0, PG II	1,030	240	100	52-0102-001
BL-M	1,030	240	100	52-0102-005

### Extension rod

for extending the handle of voltage detectors and BL-M type voltmeters.

for products:	Length [mm]	Order No.
FL-I, BL-I, BL-A, BS-I, BS-A	250	52-0108-016
FL-I, BL-I, BL-A, BS-I, BS-A, BL-M	500	52-0108-013
FL-I, BL-I, BL-A, BS-I, BS-A	1,000	52-0108-014

### Probe tip

The probe provides improved penetration into oxide and paint layers.

for products:	Order No.
FL-I, BL-I, BL-A, BS-I, BS-A, BL-M, COMPARE 2.0, PG II	52-0306-002

Further probe tips for specific installation on request.

### Extension rod with probe tip

for extending the insertion depth. It is not allowed to use the extension with probe tip when it's wet.

for products	Length [mm]	Order No.
BK-I, BK-A	750	52-0106-016
BK-I, BK-A	800	52-0106-017

Further probe tip for specific installation on request.

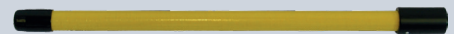
### Catch fork

The catch fork provides improved handling of voltage detectors/voltmeters for contacting surfaces and holding the device.

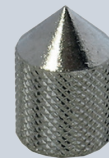
for	Order No.
Overhead lines	52-0307-001
Switchgear units and overhead lines	52-0307-003



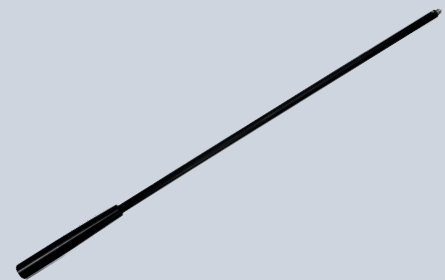
Universal plastic case



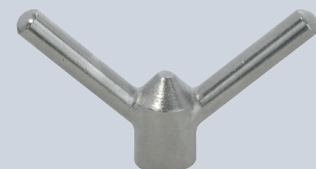
Extension rod



Probe tip



Extension rod with probe tip



Catch fork

## Autorisierter Distributor



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