

SAFETY EQUIPMENT

VOLTAGE DETECTORS

ASP Non-Contact Voltage Detector Kit

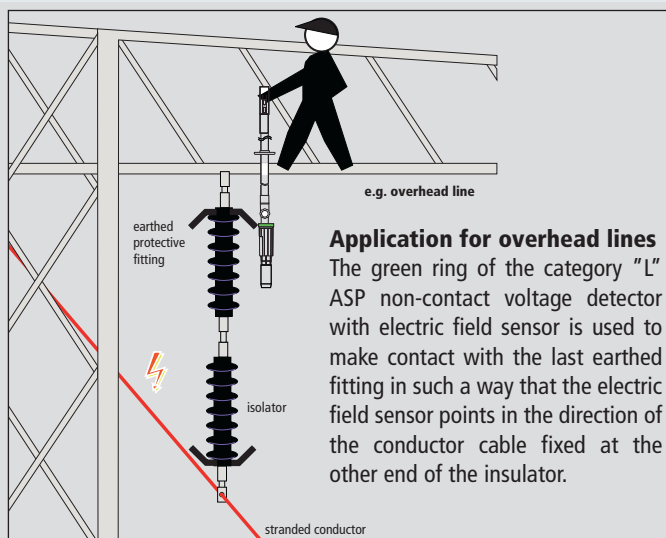
Nominal voltage range 110 ... 420 kV / 50 Hz




ASP non-contact voltage detector used in an outdoor switching station.

Technical Data

Indicator	Plastic, fully insulated, black
Electric field sensor	Plastic, black
Insulating rod	Glass-fibre reinforced polyester tube, Ø30 mm, grey, with a handguard and hand strap for safe operation; Sealing unit with plug-in coupling for extending the handle
Indicator	Visual: LED display and Acoustic: Intermittent acoustic signal
Readiness for operation	Visual: permanent green light
Voltage present	Visual: Red flashing light and Acoustic: Intermittent acoustic signal
No voltage present	Visual: permanent green light
Operating temperature range	-25° C ... +55° C



- For use in wet weather 
- For overhead lines and outdoor switching stations
- With self-testing element
- Visual and acoustic indication
- Fast battery replacement without the use of additional tools

Self-testing element

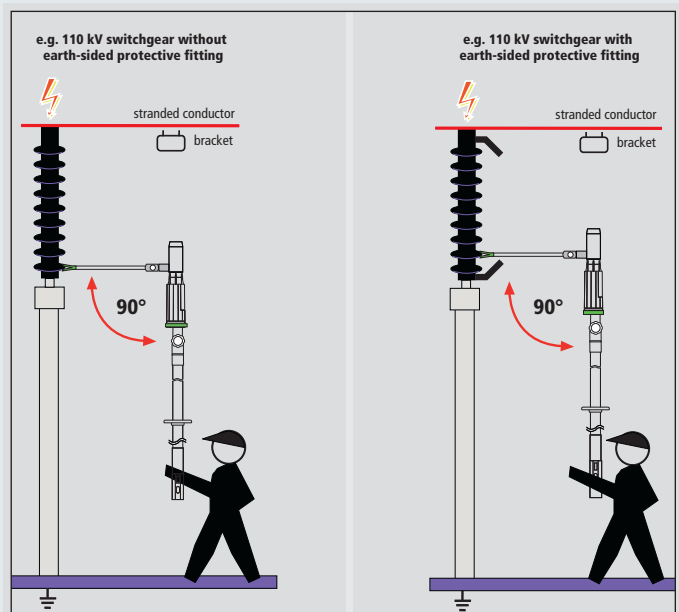
The ASP electronic indicator has an integrated self-testing element that automatically tests the electronic circuit for correct operation (threshold) after switching on the indicator.

Category "S" and "L"

Category "S" voltage detectors can only be used in outdoor installations. Category "L" voltage detectors can only be used for overhead lines. Category "S" / "L" voltage detectors can be used in both outdoor installations and for overhead lines.

Replacing the battery

The 9 V E block battery can easily be replaced by hand without the need for additional tools. By simply unscrewing the plastic nut, access is allowed for fast and easy replacement. Low battery conditions of the ASP indicator are indicated by both LEDs illuminated and an acoustic signal when switching on the detector.



Application in outdoor switching stations

The green ring of the category "S" ASP non-contact voltage detector with electric field sensor is used to make contact with the lowest insulator plate at a right angle.

If a protective fitting is located on the earth side, contact is made at the next possible insulator plate above the protective fitting.

ASP Non-Contact Voltage Detector Kit

SAFETY EQUIPMENT VOLTAGE DETECTORS



Type	Version	Nominal voltage		Part No.
		U_N	Category	
A Non-Contact Voltage Detector Kit, ASP 110 ... 420 kV Category "L" for overhead lines				
Pos.	Qty.	Type	Description	Part No.
1	1	ASP A 110 420 ZK	ASP indicator	767 570
2	1	EFS L 127	Electric field sensor, Category "L" overhead lines	767 576
4	1	IS ZK STK HS 670	Insulating rod with hand strap	766 369
5	1	KLT 104 9	Artificial leather bag, empty	767 574
ASP 110 420 L		Non-contact voltage detector kit, complete		110 ... 420 kV L 767 571 new



B Non-Contact Voltage Detector Kit, ASP 110 ... 420 kV Category "S" for outdoor switching stations				
Pos.	Qty.	Type	Description	Part No.
1	1	ASP A 110 420 ZK	ASP indicator	767 570
3	1	EFS S 167	Electric field sensor, Category "S" outdoor switching station	767 577
4	1	IS ZK STK HS 670	Insulating rod with hand strap	766 369
5	1	KLT 104 9	Artificial leather bag, empty	767 574
ASP 110 420 S		Non-contact voltage detector kit, complete		110 ... 420 kV S 767 572 new



C Non-Contact Voltage Detector Kit, ASP 110 ... 420 kV Category "S / L" for overhead lines and outdoor switching stations				
Pos.	Qty.	Type	Description	Part No.
1	1	ASP A 110 420 ZK	ASP indicator	767 570
2	1	EFS L 127	Electronic field sensor, Category "L" overhead lines	767 576
3	1	EFS S 167	Electronic field sensor, Category "S" outdoor switching station	767 577
4	1	IS ZK STK HS 670	Insulating rod with hand strap	766 369
6	1	KLT 1010 300	Artificial leather bag, empty	767 996
ASP 110 420 S L		Non-contact voltage detector kit, complete		110 ... 420 kV S / L 767 573 new

Voltage detectors for other nominal voltages and frequencies as well as indicators with permanent light and acoustic signal instead of flashing light and intermittent signal are available on request.

See next page for single parts related to the ASP non-contact voltage detector kit.

SAFETY EQUIPMENT VOLTAGE DETECTORS

Single Parts for ASP Non-Contact Voltage Detector

ASP Indicator

Category "S" and "L"

Type	Nominal voltage		Total length		Part No.
	U_N	Category	l_G	Position	
ASP A 110 420 ZK	110 ... 420 kV	S / L	230 mm	1	767 570

new



Electric Field Sensor

Type	Category	Total length		Part No.
		l_G	Position	
EFS L 127	L	127 mm	2	767 576
EFS S 167	S	167 mm	3	767 577

new

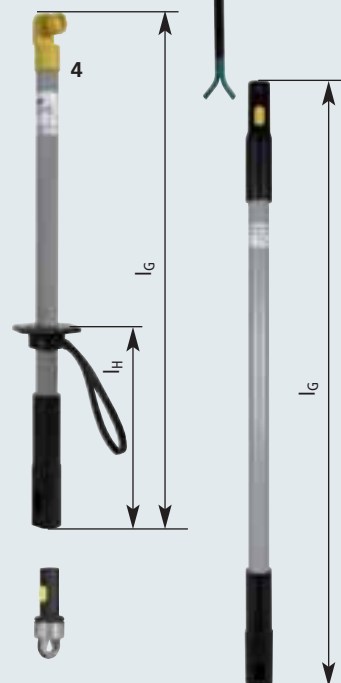


Insulating Rod with Universal Gear Coupling and Hand Strap

Sealing unit with plug-in coupling for extending the handle

Type	Total length	Handle length		Part No.
	l_G	l_H	Position	
IS ZK STK HS 670	670 mm	265 mm	4	766 369

new



HV STK Extension Handle

Plug-in coupling at both ends for extending the handle

Type	Diameter	Total length		Part No.
		l_G	Position	
HV STK 30 710	30 mm	710 mm		766 335

STK Sealing Unit with Eye

Type	Diameter	Total length		Part No.
		l_G	Position	
AR STK	30 / 43 mm	150 mm		766 889

new

Artificial Leather Bag, empty

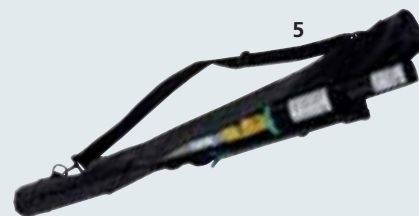
With zip and shoulder strap

Max. capacity:

- 1 ASP indicator
- 1 Insulating rod
- 1 Electric field sensor

Type	Colour	Dimensions		Position	Part No.
		Dimensions	Position		
KLT 104 9	●	Ø85 x 1040 mm	5	767 574	

new



Artificial Leather Bag, empty

With shoulder strap and shoulder belt

Max. capacity:

- 1 ASP indicator
- 1 Insulating rod
- 2 Extension handles
- 2 Electric field sensors (S and L)

Type	Colour	Dimensions		Position	Part No.
		Dimensions	Position		
KLT 1010 300	●	1010 x 300 x 100 mm	6	767 996	

new

