

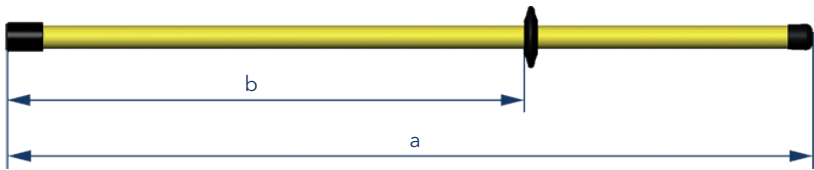
Earthing sticks

For installation and removal of earthing and short-circuiting devices in high-voltage installations

Product features

- Designed according to VDE 0683-100 (IEC 61230)
- Material: fibreglass reinforced epoxy resin tube
- Types: bayonet or hexagonal fitting
- Application for indoor 🏠 installations

The insulating element of the earthing stick must be of adequate dimension to avoid inadmissible high leakage currents. The minimum length of the insulating element is 500 mm.



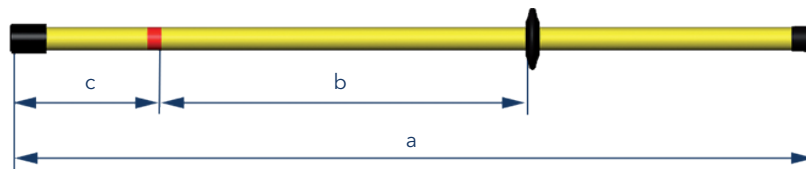
Indoor application earthing stick

Dimensions [mm]		Order no.	
a ¹⁾	b	Bayonet fitting	Hexagon fitting
1,117	717	66-0101-001	66-0201-001
1,517	917	66-0101-002	66-0201-002
2,017	1.217	66-0101-003	66-0201-003

1) Dimensions apply to earthing sticks with bayonet fitting. Earthing sticks with hexagonal fitting are 12 mm longer.

Product features

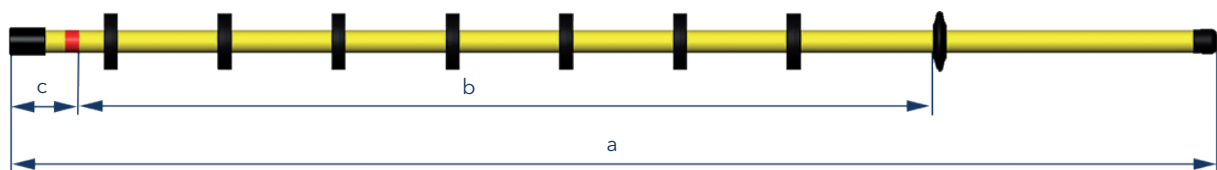
- Designed according to DIN VDE 0681-1
- Material: fibreglass reinforced epoxy resin tube
- Types: bayonet or hexagonal fitting
- Application for indoor 🏠 or outdoor 🌧️ installation



Indoor application hot stick

Nominal voltage range [kV]	Dimensions [mm]			Order no.	
	a ¹⁾	b	c ¹⁾	Bayonet fitting	Hexagon fitting
1–24	1,117	500	217	65-0101-001	65-0201-001
1–36	1,217	525	242	65-0101-002	65-0201-002
1–52	1,517	720	197	65-0101-003	65-0201-003
1–72.5	2,017	905	312	65-0101-004	65-0201-004

1) Dimensions apply to hot sticks with bayonet fitting. Hot sticks with hexagonal fitting are 12 mm longer.

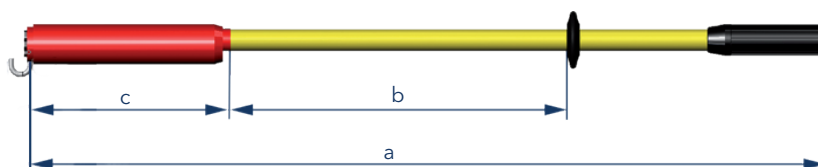


Outdoor application hot stick

Nominal voltage range [kV]	Dimensions [mm]			Order no.
	a	b	c	
1–36	1,707	1,200	107	65-0102-001
1–72.5	2,317	1,600	117	65-0102-002

With hook for applications in dry weather conditions 🏠

The hook serves to mount and dismount elbow connectors and for overhead faulted circuit indicator installations and removals.



Hot stick with hook

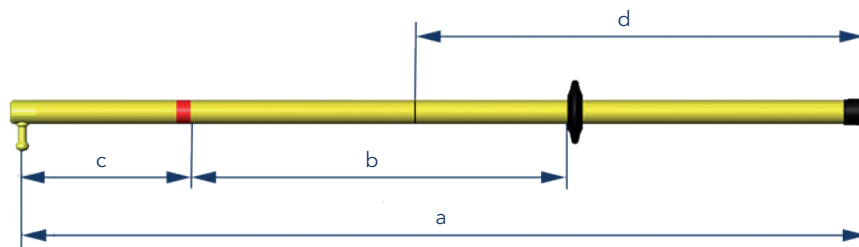
Nominal voltage range [kV]	Dimensions [mm]			Order no.
	a	b	c	
1–24	1,200	500	310	65-0301-001
1–36	2,000	900	310	65-0301-002
1–36	3,000	900	1,310	65-0301-003
1–52	2,000	900	310	65-0301-004

Operating rods

Used to switch on and off switches with ring eyes

Product features

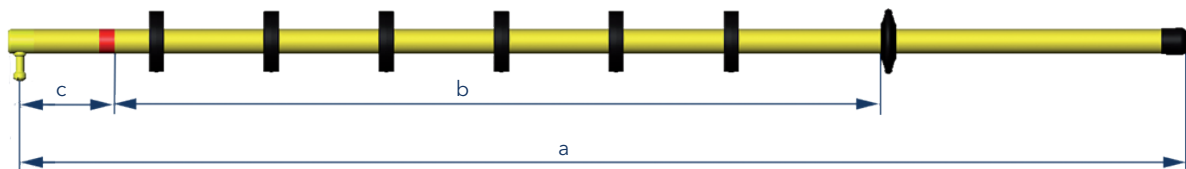
- Designed according to VDE 0681-2 (DIN 57681-2)
- Material: fibreglass reinforced epoxy resin tube
- One-part and two-part pluggable design
- Application for indoor 🏠 or outdoor 🌧 installation



Indoor application operating rod

Nominal voltage range [kV]	Dimensions [mm]				Order no.	
	a	b	c	d ¹⁾	One-part	Two-part
1–24	1,120	505	215	600	65-0401-001	65-0403-001
1–36	1,220	525	245	–	65-0401-002	–
1–52	1,520	720	200	800	65-0401-003	65-0403-003
1–72.5	2,020	900	320	1,050	65-0401-004	65-0403-004

1) Dimensions only for two-part operating rods.



Outdoor application operating rod

Nominal voltage range [kV]	Dimensions [mm]			Order no.
	a	b	c	
1–24	1,520	1,000	120	65-0402-001
1–36	1,720	1,200	120	65-0402-002
1–52	2,180	1,400	180	65-0402-003
1–72.5	2,320	1,600	120	65-0402-004

Switch hook with bayonet fitting

Suitable for all hot sticks (bayonet fitting according to DIN 48087)



Order no.
67-0301-003

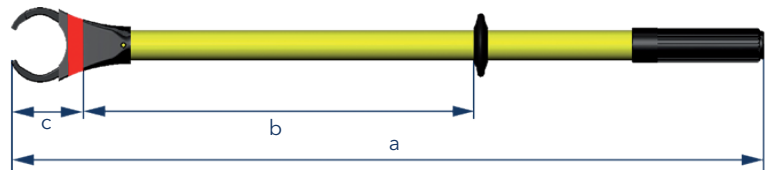
Fuse tongs

For gripping and replacing high-voltage HH fuses

Product features

- According to DIN VDE 0681-3

The fuse tongs are guided over the fuses from the front, thus requiring little spaces to the side. They are ideally suited for use in narrow installations. The clamps are fixed and released by turning the handle.



Fuse tong type K

Nominal voltage range [kV]	Dimensions [mm]			Clamping range [mm]	Order no.
	a	b	c ¹⁾		
1–36 kV	1,010	530	85	50–90	65-0502-002

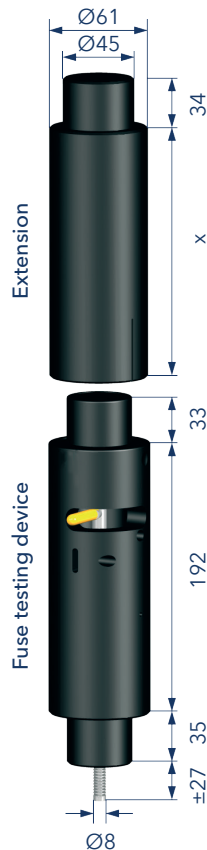
1) In closed position.

Tools for fuses

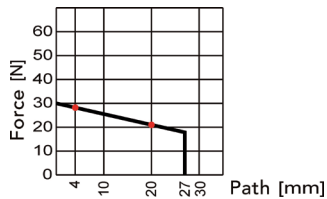
Material: Special brass



Total length [mm]	Order no.
305	65-0504-004
385	65-0504-001



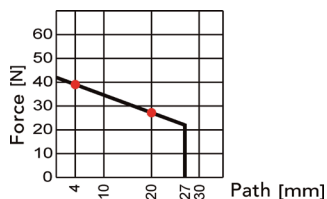
Fuse testing device and extension



Rated release force 30 N

Free stroke
4 mm [N] 28.2
20 mm [N] 20.8
Energy [J] 0.39

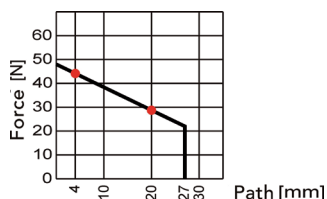
Order no.
49-6015-007 (white)



Rated release force 42 N

Free stroke
4 mm [N] 39.0
20 mm [N] 27.2
Energy [J] 0.53

Order no.
49-6015-001 (black)



Rated release force 48 N

Free stroke
4 mm [N] 44.1
20 mm [N] 28.7
Energy [J] 0.58

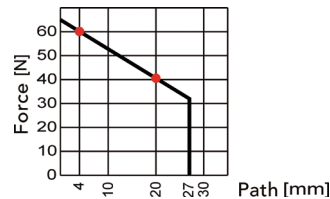
Order no.
49-6015-006 (blanc)

The mechanical HPS fuse testing device is designed to control the trip function of load break switches.

The testing fuse consists of a cylindrical fuse body similar to that of HH fuses and is fitted with a mechanical release device, timer and striker pin.

After winding up the timer the striker pin is reset and the testing device is inserted into the fuse cartridge of the switch to be checked.

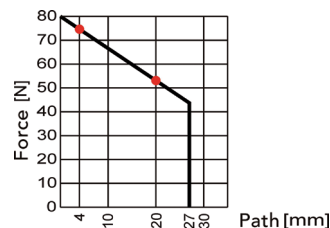
After about 150 s $\pm 20\%$ the test fuse is operated whereupon the striker fires out. The size of the fuse corresponds to that of HH fuses with 6 kV nominal voltage. Extension pieces are available for the adaptation to other voltage levels.



Rated release force 65 N

Free stroke
4 mm [N] 60.1
20 mm [N] 40.6
Energy [J] 0.81

Order no.
49-6015-005 (yellow)



Rated release force 80 N

Free stroke
4 mm [N] 74.7
20 mm [N] 53.3
Energy [J] 1.02

Order no.
49-6015-008 (silver)

Accessories	Un [kV]	Order no.
Extension		
100 mm	12.0	49-6015-003
175 mm	17.5	49-6015-004
250 mm	24.0	49-6015-002
Bag		52-0102-003

For safety material

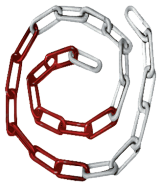


Order no.	67-0101-001	67-0101-002	67-0101-006	67-0101-007	67-0101-014	67-0101-015
Earthing and short-circuiting devices	■	—	—	—	—	—
Earthing sticks	■	■	■	—	—	—
Hot sticks	■	■	■	—	—	—
Operating rods	■	■	■	—	—	—
Fuse tongs	—	—	—	■	■	—
HH fuses	—	—	—	—	■	■

For voltage detectors



Order no.	52-0105-001	52-0105-002
FL-I	■	■
TP-I	■	■
Comet BK-I/ BK-A	■	■
Comet BL-I/ BL-A	■	■
Comet BS-I/ BS-A	■	■



Plastic chain

Red/white with nylon links

Order no.
67-0202-001



Safety helmet

Without face shield
Order no. 67-0202-002

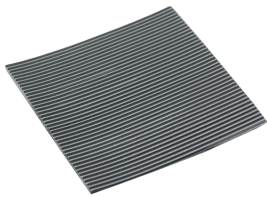
With face shield
Order no. 67-0202-003



High-grade protective helmet

Without face shield
Order no. 67-0202-012

With face shield
Order no. 67-0202-013



Rubber insulating matting

Up to 50 kV, max. 1 m wide,
4 mm thick, 10 m long
(delivered as a roll)

Order no.
67-0202-004



Protective gloves

For electricians, 1,000 V
according to VDE 0680-1 with
certification stamp, length:
350 mm, thickness: 0.7 mm

Order no.
67-0202-005



Handheld fire extinguisher

Filled with 5 kg of carbon
dioxide, with snow pipe and
wall holder

Order no.
67-0202-007



LED work lamp

Incl. wall-mounting charge sta-
tion with charge status display,
flashing and emergency light
function

Order no.
67-0202-010