



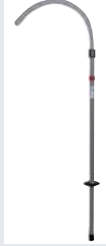



Operating Sticks

Device	Nominal Voltage U_N / Frequency f_N	Application	Page	
IS STK Insulating Stick Kit	up to 36 kV / 50 Hz	Suitable for use in wet weather conditions	48	
		For use in indoor and outdoor installations	50	
		Plug-in coupling protected against twisting and bridging		
		Easy transport due to detachable sticks		
		Kits for a variety of applications		
		For use as switching stick, earthing stick or operating stick		
IS Insulating Sticks	up to 123 kV / 50 Hz	For use in wet weather conditions	52	
		For use in indoor and outdoor installations	54	
		Attachable switching stick head allows for use as switching stick		
		Supporting head for hexagon shaft or T pin shaft		
		For use as earthing stick		
		For use as operating stick for insulating protective shutters		
SCS Switching Sticks	up to 123 kV / 50 Hz	For use in wet weather conditions	56	
		For indoor and outdoor installations	57	
		Fully insulated, massive switching stick head		
		Allows deep access into the installation		
		For use as operating stick for insulating protective shutters		
SZ Fuse Tongs	up to 36 kV	Not suitable for use in wet weather conditions	58	
		Operating head with two adjustable jaws		
		Straight or 20° angled operating head		
		Secure clamping		
		Wide clamping range $\varnothing 30 \dots 90$ mm		
RST Rescue Rods	up to 36 kV / 50 Hz	Not suitable for use in wet weather conditions	60	
		For use in indoor and outdoor installations		
		Fully insulated and fixed rescue hook		
		For rescuing persons weighing up to approximately 100 kg from the live working zone in the event of an electrical accident		
Storage Bags and Transport Cases		Sheet metal or plastic case	187	
		Artificial leather or canvas bag		

Maintenance tests

According to German regulations (BGV A3), operating sticks have to be tested for compliance with the prescribed limits as stated in the Electrical Safety Rules. This test is performed in the high voltage test laboratory of DEHN + SÖHNE and includes

- measurement of the leakage current,
- test for protection against bridging,
- visual inspection, manual tests and measurements.

This maintenance test is documented in a test report and on the device.

Prior to each use, operating sticks must be visually inspected for signs of damage or any other defect.



IS STK Insulating Stick Kit with Silicon Rubber Insulator

Safety Equipment

Nominal voltages up to 36 kV / 50 Hz

Operating Sticks



IS STK insulating stick fitted with STK switching stick head used as switching stick

General Information:

Standard (switching stick head)	DIN VDE 0681 Part 2
Standard (insulating stick)	EN/IEC 61243-1 (DIN VDE 0682 Part 411) test for protection against bridging (section 6.3.2) after wet test and leakage current measurement (section 7.1.2)
Standard (switching stick)	DIN VDE 0681 Part 1 and 2
Standard (operating stick)	DIN VDE 0682 Part 552
Standard (earthing stick)	Based on EN/IEC 61230 (DIN VDE 0683 Part 100)
Use	Suitable for use in wet weather conditions
For	Indoor and outdoor installations



Anti-rotation plastic plug-in coupling used as insulating stick extension (yellow coupling)

Easy and safe working

- Cost-effective due to universal use
- Space-saving transport

**Kit includes:**

Pos. No.	Part No.	Pos. No.	Part No.
1	766 164	6	766 468
2	766 365	7	766 456
3	766 465	8	766 466
4	766 356	9	766 996
5	766 367		

For more detailed information on these products, see Accessory chapter



The artificial leather bag with reinforced back panel allows for safe transport and easy storage of the single components.



Dirt-repellent end fittings with plug-in coupling

Accessory for IS STK Insulating Stick Kit**Operating Head with plug-in Coupling / hexagon Shaft**

For indoor use

Type	AK 36 SK STK 330
Part No.	766 364
Diameter	30 mm
Total length (l _G)	330 mm
Material	Plastic
Colour	Yellow



Safety Equipment

IS STK Insulating Stick Kit with Silicon Rubber Insulator

Operating Sticks

Switching Stick Kit (Ø30 mm)

$l_{G \max} (1 + 4 + 4 + 5)$

Possible lengths:	
Length l_G	No.
3420 mm	1+4+4+5
2590 mm	1+4+5
1760 mm	1+5

Type	SCSSN 36 STK 30
Part No.	766 324
Nominal voltage (U_N)	Up to 36 kV
Max. total length ($l_{G \max}$)	3450 mm

Operating Stick Kit (Ø30 mm)

$l_{G \max} (1/2 + 4 + 5)$

Permissible loads for the insulating stick kit:		
Length l_G	No.	Max. load on the operating head
2590 mm	1+4+5	5 kg
2390 mm	2+4+5	5 kg
1760 mm	1+5	12 kg
1560 mm	2+5	12 kg

Type	ASSN 36 STK 30
Part No.	766 326
Nominal voltage (U_N)	Up to 36 kV
Max. total length ($l_{G \max}$)	2590 mm

Operating Stick Kit (Ø43 mm)

$l_{G \max} (1/2 + 4 + 6 + 7)$

Permissible loads for the insulating stick kit:		
Length l_G	No.	Max. load on the operating head
3420 mm	1+4+6+7	9 kg
3220 mm	2+4+6+7	9 kg
2590 mm	1+4+6	9 kg
2390 mm	2+4+6	9 kg
1760 mm	1+6	25 kg
1560 mm	2+6	35 kg

Type	ASSN 36 STK 43
Part No.	766 453
Nominal voltage (U_N)	Up to 36 kV
Max. total length ($l_{G \max}$)	3420 mm

Earthing Stick Kit (Ø43 mm)

$l_{G \max} (2/3 + 6 + 8 + 8)$

Permissible loads for the insulating stick kit:		
Length l_G	No.	Max. load on the operating head
3960 mm	2/3+6+8+8	8 kg
2760 mm	2/3+6+8	14 kg
1560 mm	2/3+6	35 kg

Type	ESSN STK 43
Part No.	766 451
Max. total length ($l_{G \max}$)	3960 mm

IS STK Insulating Stick Kit

Safety Equipment

Nominal voltages up to 36 kV / 50 Hz

Operating Sticks



IS STK insulating stick fitted with STK switching stick head used as switching stick

General Information:

Standard (switching stick head)	DIN VDE 0681 Part 2
Standard (insulating stick)	DIN VDE 0681 Part 1
Standard (switching stick)	DIN VDE 0681 Part 1 and 2
Standard (operating stick)	DIN VDE 0682 Part 552
Standard (earthing stick)	Based on EN/IEC 61230 (DIN VDE 0683 Part 100)
Use	Not suitable for use in wet weather conditions
For	Indoor and outdoor installations



Anti-rotation plastic plug-in coupling used as insulating stick extension (yellow coupling)

- Easy and safe working
- Cost-effective due to universal use
- Space-saving transport

Kit includes:			
Pos. No.	Part No.	Pos. No.	Part No.
1	766 164	6	766 463
2	766 365	7	766 456
3	766 465	8	766 466
4	766 356	9	766 996
5	766 363		
For more detailed information on these products, see Accessory chapter			



The artificial leather bag with reinforced back panel allows for safe transport and easy storage of the single components.



Dirt-repellent end fittings with plug-in coupling

Accessory for IS STK Insulating Stick Kit**Operating Head with plug-in Coupling / hexagon Shaft**

For indoor use

Type	AK 36 SK STK 330
Part No.	766 364
Diameter	30 mm
Total length (l _G)	330 mm
Material	Plastic
Colour	Yellow



Safety Equipment

IS STK Insulating Stick Kit

Operating Sticks

Switching Stick Kit (Ø30 mm)

$l_{G \max} (1 + 4 + 4 + 5)$

Possible lengths:	
Length l_G	No.
3420 mm	1+4+4+5
2590 mm	1+4+5
1760 mm	1+5

Type	SCSS 36 STK 30
Part No.	766 323
Nominal voltage (U_N)	Up to 36 kV
Max. total length ($l_{G \max}$)	3420 mm

Operating Stick Kit (Ø30 mm)

$l_{G \max} (1/2 + 4 + 5)$

Permissible loads for the insulating stick kit:		
Length l_G	No.	Max. load on the operating head
2590 mm	1+4+5	5 kg
2390 mm	2+4+5	5 kg
1760 mm	1+5	12 kg
1560 mm	2+5	12 kg

Type	ASS 36 STK 30
Part No.	766 325
Nominal voltage (U_N)	Up to 36 kV
Max. total length ($l_{G \max}$)	2590 mm

Operating Stick Kit (Ø43 mm)

$l_{G \max} (1/2 + 4 + 6 + 7)$

Permissible loads for the insulating stick kit:		
Length l_G	No.	Max. load on the operating head
3420 mm	1+4+6+7	9 kg
3220 mm	2+4+6+7	9 kg
2590 mm	1+4+6	9 kg
2390 mm	2+4+6	9 kg
1760 mm	1+6	25 kg
1560 mm	2+6	35 kg

Type	ASS 36 STK 30 43
Part No.	766 452
Nominal voltage (U_N)	Up to 36 kV
Max. total length ($l_{G \max}$)	3420 mm

Earthing Stick Kit (Ø43 mm)

$l_{G \max} (2/3 + 6 + 8 + 8)$

Permissible loads for the insulating stick kit:		
Length l_G	No.	Max. load on the operating head
3960 mm	2/3+6+8+8	8 kg
2760 mm	2/3+6+8	14 kg
1560 mm	2/3+6	35 kg

Type	ESS STK 43
Part No.	766 450
Max. total length ($l_{G \max}$)	3960 mm

IS Insulating Sticks with Silicon Rubber Insulator

Safety Equipment

Nominal voltages up to 123 kV / 50 Hz

Operating Sticks



Switching stick head screwed on an IS SK insulating stick for switching a switch disconnector

General Information:

Standard (switching stick head)	DIN VDE 0681 Part 2
Standard (insulating stick)	EN/IEC 61243-1 (DIN VDE 0682 Part 411) test for protection against bridging (section 6.3.2) after wet test and leakage current measurement (section 7.1.2)
Standard (operating stick)	DIN VDE 0682 Part 552
Use	Suitable for use in wet weather conditions
For	Indoor and outdoor installations
Material	Glass-fibre reinforced polyester tube
End fitting	Non-slip plastic cap / plug-in coupling for extending the handle



ISN SK insulating stick used for clamps with hexagon shaft of earthing and short-circuiting devices

Easy and safe working

- Cost-effective since the installation of different supporting heads allows universal use
- Easy to use



SSK M12 switching stick head screwed on ISN SK insulating stick



ISN SQ insulating stick fitted with SSK SQ switching stick head. The insulating stick can be additionally locked by means of the black knurled nut.



The handle of ISN STK insulating sticks can be easily extended via the plug-in coupling

Accessory for IS Insulating Sticks, rain-proof

Screw-on Switching Stick Head for IS SK Insulating Sticks

With M12 thread
In accordance with DIN VDE 0681 Part 2

Type	SSK M12
Part No.	765 005
Material	Steel, plastic-sheathed



Switching Stick Head for IS SQ Insulating Sticks

With T pin shaft (bayonet locking mechanism)
In accordance with DIN VDE 0681 Part 2

T pin shaft in accordance with DIN 48087

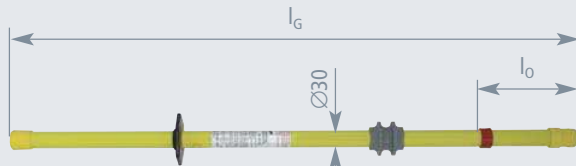
Switching stick head is fixed on the insulating stick via the knurled nut

Type	SSK SQ
Part No.	765 009
Material	Polyamide



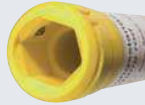
Operating Sticks

Insulating stick, hexagon Shaft



With M12 thread and spring locking mechanism

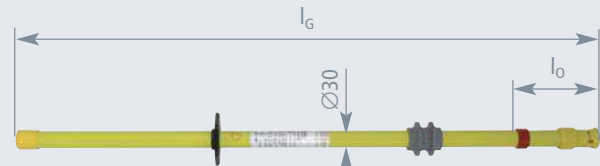
- Can be used as switching stick by attaching a switching stick head (Part No. 765 005)
- Can be used as earthing stick



NEW

Type	ISN 36 SK 1000	ISN 36 SK 1500
Part No.	766 210	766 215
Nominal voltage (U _N)	36 kV	36 kV
Total length (l _G)	1000 mm	1500 mm
Insertion depth (l _o)	175 mm	475 mm

Insulating stick, T Pin Shaft



Bayonet locking mechanism

- Can be used as switching stick by attaching a switching stick head (Part No. 765 009)
- Can be used as earthing stick
- Can be used as operating stick for inserting insulating protective shutters

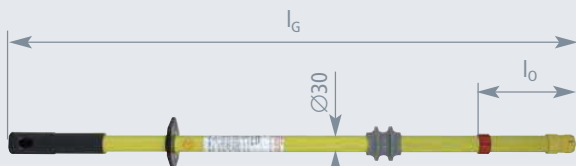


NEW

Type	ISN 36 SQ 1000	ISN 36 SQ 1500
Part No.	766 211	766 216
Nominal voltage (U _N)	36 kV	36 kV
Max. load on the operating head	17 ^{*)} kg	17 ^{*)} kg
Total length (l _G)	1028 mm	1528 mm
Insertion depth (l _o)	150 mm	500 mm

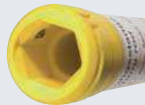
^{*)} Max. Shutter weight when used for inserting insulating protective shutters

Insulating stick, hexagon Shaft, plug-in Coupling



With M12 thread, spring locking mechanism and plug-in coupling for extending the handle

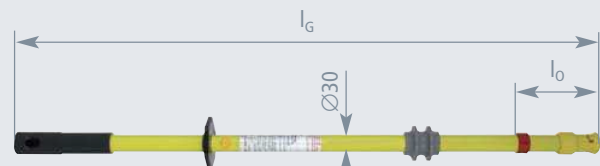
- For use as switching stick with a switching stick head (Part No. 765 005)
- For use as earthing stick



NEW

Type	ISN 36 SK STK 1000
Part No.	766 111
Nominal voltage (U _N)	36 kV
Total length (l _G)	1000 mm
Insertion depth (l _o)	175 mm

Insulating stick, T Pin Shaft, plug-in Coupling



Bayonet locking mechanism and plug-in coupling for extending the handle

- Can be used as switching stick by attaching a switching stick head (Part No. 765 009)
- Can be used as earthing stick
- Can be used as operating stick for inserting insulating protective shutters

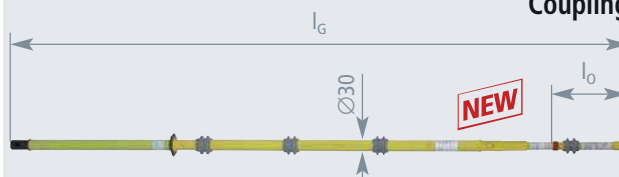


NEW

Type	ISN 36 SQ STK 1000
Part No.	766 310
Nominal voltage (U _N)	36 kV
Max. load on the operating head	17 ^{*)} kg
Total length (l _G)	1025 mm
Insertion depth (l _o)	150 mm

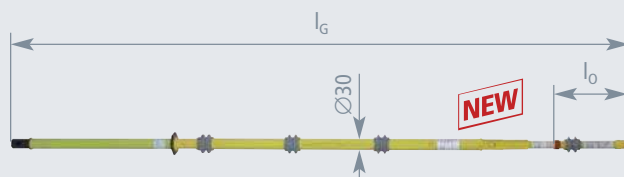
^{*)} Max. Shutter weight when used for inserting insulating protective shutters

Modular Insulating stick, hexagon Shaft, plug-in Coupling



Type	ISN 123 SK STK 2500
Part No.	766 222
Nominal voltage (U _N)	123 kV
Total length (l _G)	2500 mm
Insertion depth (l _o)	287 mm

Modular Insulating stick, T Pin Shaft, plug-in Coupling



Type	ISN 123 SQ STK 2500
Part No.	766 332
Nominal voltage (U _N)	123 kV
Total length (l _G)	2500 mm
Insertion depth (l _o)	287 mm

IS Insulating Sticks

Safety Equipment

Nominal voltages up to 123 kV / 50 Hz

Operating Sticks



Switching a disconnector by means of an IS SK insulating stick fitted with switching stick head

General Information:

Standard (switching stick head)	DIN VDE 0681 Part 2
Standard (insulating stick)	DIN VDE 0681 Part 1
Standard (operating stick)	DIN VDE 0682 Part 552
Use	Not suitable for use in wet weather conditions
For	Indoor and outdoor switchgear installations
Material	Glass-fibre reinforced polyester tube
End fitting	Non-slip plastic cap / plug-in coupling for handle extension



IS SK insulating stick used for clamps with hexagon shaft of earthing and short-circuiting devices

Easy and safe working

- Cost-effective since the installation of different supporting heads allows universal use
- Easy to use



IS SK insulating stick fitted with SSK M12 switching stick head



IS SQ insulating stick fitted with SSK SQ switching stick head. The black knurled nut is locked into position using the insulating stick.



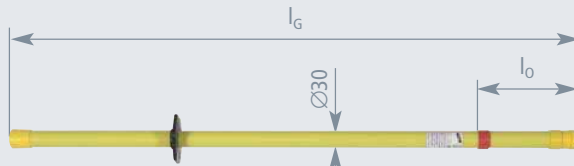
The handle of IS STK insulating sticks can be easily extended via the plug-in coupling.

Safety Equipment

IS Insulating Sticks

Operating Sticks

Insulating stick, hexagon Shaft



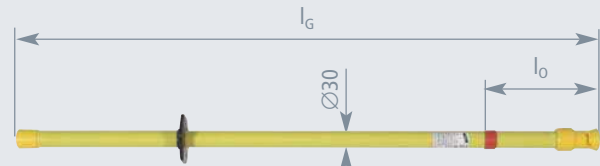
With M12 thread and spring locking mechanism

- Can be used as switching stick by attaching a switching stick head (Part No. 765 005)
- Can be used as earthing stick



Type	IS 36 SK 1000	IS 36 SK 1500
Part No.	766 001	766 002
Nominal voltage (U _N)	36 kV	36 kV
Total length (l _G)	1000 mm	1500 mm
Insertion depth (l _o)	175 mm	475 mm

Insulating stick, T Pin Shaft



Bayonet locking mechanism

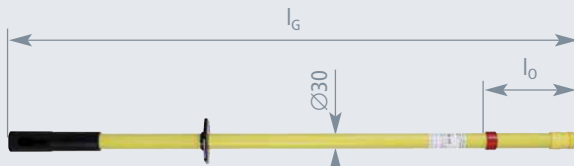
- Can be used as switching stick by attaching a switching stick head (Part No. 765 009)
- Can be used as earthing stick
- Can be used as operating stick for inserting insulating protective shutters



Type	IS 36 SQ 1000	IS 36 SQ 1500
Part No.	766 311	766 315
Nominal voltage (U _N)	36 kV	36 kV
Max. load on the operating head ¹⁾	17 kg	17 kg
Total length (l _G)	1028 mm	1528 mm
Insertion depth (l _o)	150 mm	500 mm

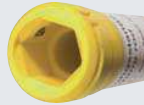
¹⁾ Max. shutter weight when inserting insulating protective shutters

Insulating stick, hexagon Shaft, plug-in Coupling



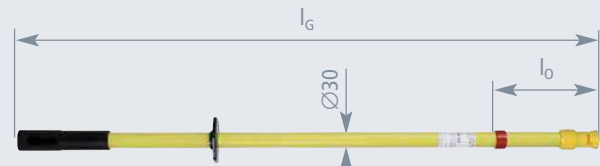
With M12 thread, spring locking mechanism and plug-in coupling for handle extension

- Can be used as switching stick by attaching a switching stick head (Part No. 765 005)
- Can be used as earthing stick



Type	IS 36 SK STK 1000	IS 123 SK STK 2000
Part No.	766 100	766 122
Nominal voltage (U _N)	36 kV	123 kV
Total length (l _G)	1000 mm	2000 mm
Insertion depth (l _o)	175 mm	200 mm

Insulating stick, T Pin Shaft, plug-in Coupling



Bayonet locking mechanism and plug-in coupling for extending the handle

- Can be used as switching stick by attaching a switching stick head (Part No. 765 009)
- Can be used as earthing stick
- Can be used as operating stick for inserting insulating protective shutters



Type	IS 36 SQ STK 1000	IS 123 SQ STK 2000
Part No.	766 301	766 322
Nominal voltage (U _N)	36 kV	123 kV
Max. load on the operating head ¹⁾	17 kg	8 kg
Total length (l _G)	1025 mm	2000 mm
Insertion depth (l _o)	150 mm	200 mm

¹⁾ Max. shutter weight if used for inserting insulating protective shutters

Accessory for IS Insulating Sticks

Screw-on Switching Stick Head for IS SK Insulating Sticks

With M12 thread

In accordance with DIN VDE 0681 Part 2

Type	SSK M12
Part No.	765 005
Material	Steel, plastic-sheathed



Accessory for IS Insulating Sticks

Switching Stick Head for IS SQ Insulating Sticks

With T pin shaft (bayonet locking mechanism)

In accordance with DIN VDE 0681 Part 2

T pin shaft in accordance with DIN 48087

Switching stick head is fixed on the insulating stick via the knurled nut

Type	SSK SQ
Part No.	765 009
Material	Polyamide



SCS Switching Sticks with Silicon Rubber Insulator

Safety Equipment

Nominal voltages up to 123 kV / 50 Hz

Operating Sticks



Switching a disconnector by means of an SCS switching stick

Easy and safe working

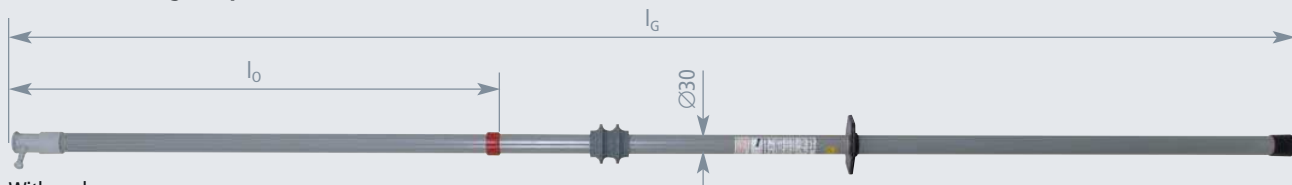
- Cost-effective
- Easy to use



General Information:

Standard (switching stick head)	DIN VDE 0681 Part 2
Standard (switching stick)	DIN VDE 0681 Part 1 and Part 2
Standard (insulating stick)	EN/IEC 61243-1 (DIN VDE 0682 Part 411) test for protection against bridging (section 6.3.2) after wet test and leakage current measurement (section 7.1.2)
Standard (operating stick)	DIN VDE 0682 Part 552
Use	Suitable for use in wet weather conditions
For	Indoor and outdoor installations
Design	Fully insulated, massive switching stick head
Material (insulating tube)	Glass-fibre reinforced polyester tube
Material (switching pin)	Steel, sheathed overall in plastic
End fitting	Non-slip plastic cap / plug-in coupling for extending the handle

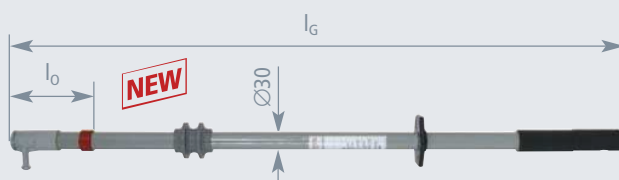
Nominal Voltages up to 36 kV



With end cap

Type	SCSN 36 1000	SCSN 36 1500	SCSN 36 2000
Part No.	763 510	763 511	763 512
Nominal voltage (U _N)	36 kV	36 kV	36 kV
Max. shutter weight	17 kg	17 kg	9 kg
Total length (l _G)	1030 mm	1500 mm	2000 mm
Insertion depth (l _o)	135 mm	415 mm	765 mm

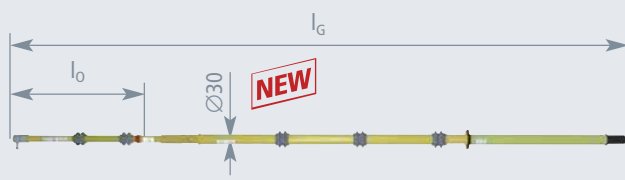
Nominal Voltages up to 36 kV, plug-in Coupling



Handle termination with plastic plug-in coupling for extending the handle

Type	SCSN 36 STK 1000
Part No.	763 111
Nominal voltage (U _N)	36 kV
Max. shutter weight	17 kg
Total length (l _G)	1000 mm
Insertion depth (l _o)	135 mm

Nominal Voltages up to 123 kV, modular



Handle termination with plastic plug-in coupling for extending the handle

Type	SCSN 123 STK 2800
Part No.	763 181
Nominal voltage (U _N)	123 kV
Total length (l _G)	2800 mm
Insertion depth (l _o)	637 mm

Safety Equipment

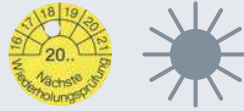
SCS Switching Sticks

Operating Sticks

Nominal voltages up to 123 kV / 50 Hz

Easy and safe working

- Cost-effective
- User-friendly



General Information:

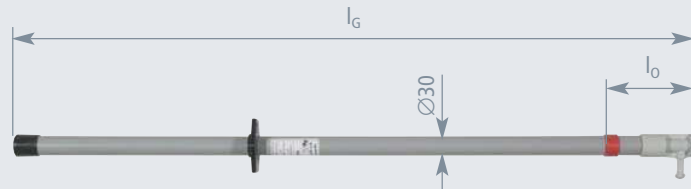
Standard (switching stick head)	DIN VDE 0681 Part 2
Standard (switching stick)	DIN VDE 0681 Part 1 and Part 2
Standard (insulating stick)	DIN VDE 0681 Part 1
Standard (operating stick)	DIN VDE 0682 Part 552
Use	Not suitable for use in wet weather conditions
For	For indoor and outdoor switchgear installations
Design	Fully insulated, massive switching stick head
Material (insulating tube)	Glass-fibre reinforced polyester tube
Material (switching pin)	Steel, sheathed overall in plastic
End fitting	Non-slip plastic cap / plug-in coupling for extending the handle



Switching a disconnector by means of an SCS switching stick

Nominal Voltages up to 72.5 kV

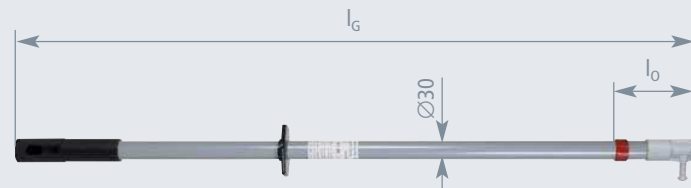
With end cap



Type	SCS 36 1000	SCS 36 1500	SCS 36 2000	SCS 72 1500	SCS 72 2000
Part No.	763 610	763 611	763 612	763 615	763 620
Nominal voltage (U _N)	36 kV	36 kV	36 kV	72.5 kV	72.5 kV
Max. shutter weight	17 kg	17 kg	9 kg	—	—
Total length (l _G)	1030 mm	1500 mm	2000 mm	1500 mm	2000 mm
Insertion depth (l ₀)	135 mm	415 mm	765 mm	290 mm	690 mm

Nominal Voltages up to 123 kV

Handle termination with plastic plug-in coupling for extending the handle



Type	SCS 36 STK 1000	SCS 72 STK 1500	SCS 123 STK 2000
Part No.	763 100	763 150	763 180
Nominal voltage (U _N)	36 kV	72.5 kV	123 kV
Max. shutter weight	17 kg	—	—
Total length (l _G)	1000 mm	1500 mm	2000 mm
Insertion depth (l ₀)	135 mm	290 mm	200 mm

Other lengths are available on request.

SZ Fuse Tongs

Safety Equipment

Nominal voltages up to 36 kV

Operating Sticks



SZ fuse tongs for inserting and removing HH fuses

Easy and safe working

- User-friendly



General Information:

Standard	DIN VDE 0681 Part 3
Use	Not suitable for use in wet weather conditions
Design	Straight and 20° angled operating head
Clamping range	Wide clamping range Ø30 ... 90 mm
Material (insulating stick)	Glass-fibre reinforced polyester tube
Material (operating head)	Glass-fibre reinforced polyamide
Material (adjustable handle)	Polyamide
Material (reducing insert)	Polyamide
Colour	Grey

A fuse tong is an operating stick used for working on live parts of an installation with voltages exceeding 1 kV a.c. The operating head is used to remove and insert high-voltage high-breaking-capacity fuses (HH fuses). The clamping jaws are opened and closed by simply turning the adjustable handle.



In practice, the 20° angled operating head allows safe and easy actuation of HH fuses that are not easily accessible.



The reducing insert allows low clamping ranges from Ø30 to 50 mm. Without reducing insert, HH fuses from Ø50 to 90 mm can be actuated.

Safety Equipment

SZ Fuse Tongs

Operating Sticks

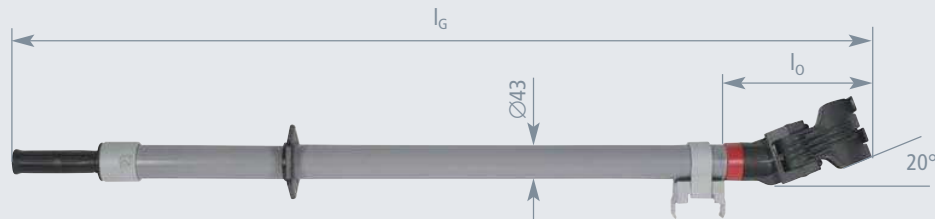
Straight SZ Fuse Tong



Type	SZ HH 1060	SZ HH 1250	SZ HH 1500
Part No.	765 040	765 041	765 042
Clamping range	30 ... 50*) / 50 ... 90 mm	30 ... 50*) / 50 ... 90 mm	30 ... 50*) / 50 ... 90 mm
Total length (l _G)	1060 mm	1250 mm	1500 mm
Insertion depth (l ₀)	185 mm	185 mm	185 mm

*) Only if used with reducing insert

20° angled SZ Fuse Tong



Type	SZ HH W20 1070	SZ HH W20 1250	SZ HH W20 1500
Part No.	765 050	765 051	765 052
Clamping range	30 ... 50*) / 50 ... 90 mm	30 ... 50*) / 50 ... 90 mm	30 ... 50*) / 50 ... 90 mm
Total length (l _G)	1070 mm	1250 mm	1500 mm
Insertion depth (l ₀)	195 mm	195 mm	195 mm

*) Only if used with reducing insert

Other lengths are available on request.

Accessory for SZ Fuse tongs

Storage Devices for HH Fuses

Wall-mounted

Type	HV 3HH ET
Part No.	700 005
For	HH fuses



Accessory for SZ Fuse tongs

Storage Devices for HH Fuses and Fuse Tong

Wall-mounted

Type	HV 3HH SZ ET
Part No.	700 004
For	HH fuses and fuse tong



Storage Device Kit for HH Fuses or HH fuses and Fuse Tong

Wall-mounted

Type	HV 3HH	HV 3HH SZ
Part No.	700 015	700 014
Consisting of	2x HV 3HH ET	1x HV 3HH ET and 1x HV 3HH ZS ET



RST Rescue Rods

Safety Equipment

Nominal voltages up to 36 kV / 50 Hz

Operating Sticks



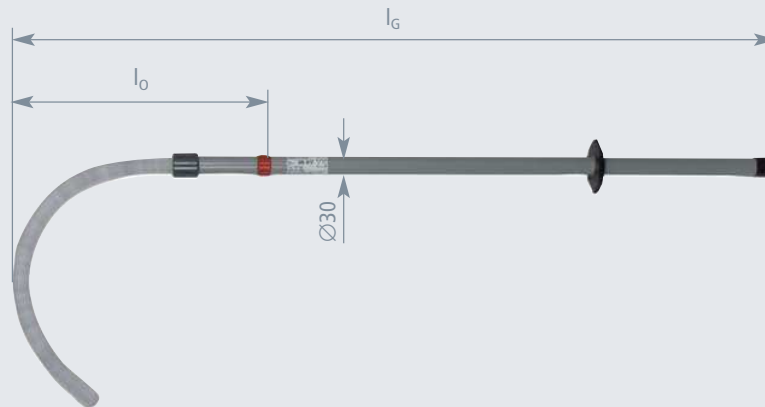
- For use in indoor and outdoor installations
- Fixed rescue hook (protected against bridging)
- For rescuing persons weighing up to approximately 100 kg from the live working zone in the event of an electrical accident

**General Information:**

Standard	Based on DIN VDE 0681 Part 1
Use	Not suitable for use in wet weather conditions
Material (hook)	PVC-HI solid stick
Material (insulating tube)	Glass-fibre reinforced polyester tube
End fitting	Non-slip plastic cap

Insulated RST rescue rod used to rescue an electrified victim from the live working zone

Nominal voltages up to 36 kV / 50 Hz



Type	RST 36 1000	RST 36 1500	RST 36 2000
Part No.	766 040	766 041	766 042
Total length (l_G)	1000 mm	1500 mm	2000 mm
Insertion depth (l_o)	175 mm	425 mm	775 mm

- Protection against accidental contact with live parts of installations with rated voltages from 1 kV to 36 kV
- Four different designs for use in almost all types of switchgear installations



Inserting an insulating protective shutter (type A1) by hand

General Information:

Standard	DIN VDE 0682 Part 552
For	Use in indoor installations only

According to the five safety rules, adjacent parts are parts situated in the vicinity zone. If parts of an installation near the work location cannot be isolated, additional safety measures must be taken before beginning work as is the case with work near live parts.

Insulating protective shutters according to DIN VDE 0682 Part 522 are used to provide protection against accidental contact with live parts of an installation. They are portable and are inserted by hand or by using an operating stick under live conditions.

Insulating protective shutters are designed for short-term use in indoor electrical installations according to DIN VDE 0101 with voltages exceeding 1 kV to 36 kV a.c. at nominal frequencies below 100 Hz to provide protection against direct contact according to DIN VDE 0105 Part 100 when working near live parts.

When used in medium-voltage systems, insulating protective shutters might have to be adapted, for example if it is not possible to insert shutters in the live working zone without risk due to unfavourably located drives, switch components or isolating plates. In such cases, a standard-compliant solution can be found by cutting out parts of the insulating protective shutter or cutting it to size. For that purpose, technical details must be provided. We have developed a special template for insulating protective shutters which can be used, for example, to mark the exact location of the cut-outs.

For enquiries and orders, please fill in the template on pages 66 to 68 or visit our website www.dehn.de.