


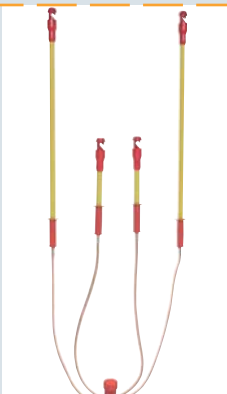






## Safety Equipment

## Selection Guide

### Equipment for Voltages up to 1000 V

Device	Nominal voltage $U_N$	Application	Page	
Earthing and Short-circuiting Device, fully insulated, Type VI	up to 1000 V	Fully insulated, shock-proof version Earthing cartridges with T connection Fully equipped kit for cable distribution cabinets	114	
Earthing and Short-circuiting Device, partly insulated, Type TI	up to 1000 V	Earthing cartridges with M10 connection Screw-in earthing insert for D-type fuse links Fully equipped kit for cable distribution cabinets	116	
Earthing and Short-circuiting Device For crane conductor bars	up to 1000 V	Allows to lock the clamping range For insulated or uninsulated conductor bars	119	
Earthing and Short-circuiting Device For overhead lines up to Ø12 mm	up to 1000 V	Insulated clamps for overhead conductors 4-pole version, extendible up to 6 poles Reliable conductivity due to a copper bar in the insulating tube	120	
Earthing and Short-circuiting Device For street lighting systems	up to 1000 V	For D-type fuse links of junction and fuse boxes Fully equipped kit	121	
Earthing Handle	up to 1000 V	For applying earthing and short-circuiting devices in low-voltage installations End fitting with plug-in coupling for handle extension Light-weight construction Hexagon shaft or T pin shaft	122	
SPN Two-pole Voltage Detector	100 ... 500 V 120 ... 1000 V	For use in wet weather conditions 2 versions with different measuring ranges No batteries required Can also be used in overhead line networks by attaching extension prods	123	
Storage Bags and Transport Cases		Sheet metal or plastic case Artificial leather or canvas bag	187	

## Three-pole Earthing and Short-Circuiting Kit VI

Safety Equipment

Kit for low-voltage installations, fully insulated type VI

Equipment for Voltages up to 1000 V



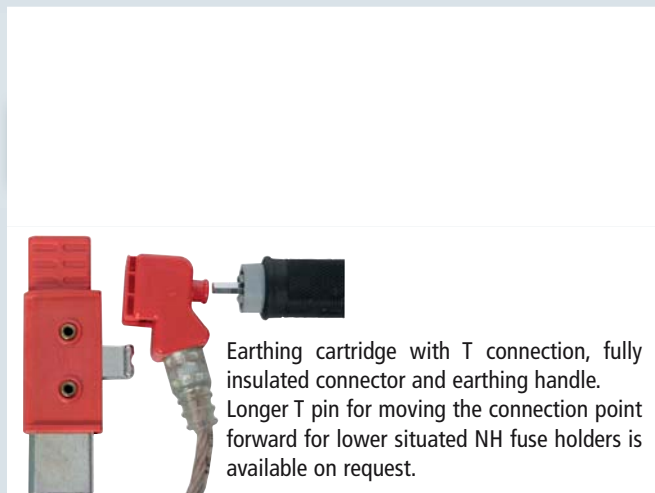
Attaching a fully insulated earthing and short-circuiting device using an earthing handle of type VI

### General Information:

Standard EN/IEC 61230 (DIN VDE 0683 Part 100)

Temperature range - 25 °C ... + 55 °C

- Fully insulated, shock-proof version
- Fully equipped kit for cable distribution cabinets
- Safe operation with insulated earthing handle of type VI (with dual function), suitable for both inserting and removing earthing cartridges with T connection as well as for attaching earthing and short-circuiting devices (EaS devices)
- Waterproof, plastic-sheathed cable entry and node unit, additionally protected against twisting
- Other cable lengths can be selected online via the earthing and short-circuiting configurator



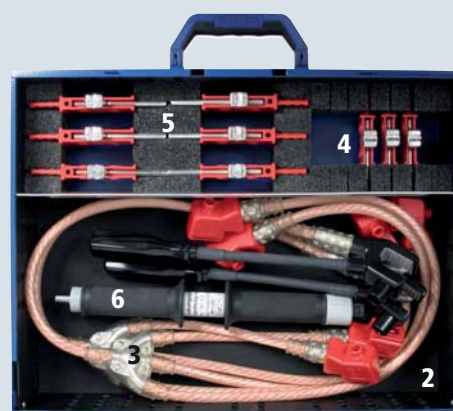
### Kit in plastic Case



Type	EKS VI 2F KVS KK
Part No.	745 903
Variant No. of the earthing and short-circuiting device	V162LDM
Dimensions	445 x 345 x 100 mm

Note: When ordering please specify the Variant No.

### Kit in Sheet Metal Case



Type	EKS VI 2F KVS SBK
Part No.	745 901
Variant No. of the earthing and short-circuiting device	V162LDM
Dimensions	440 x 330 x 100 mm

Note: When ordering please specify the Variant No.

## Safety Equipment

### Equipment for Voltages up to 1000 V

#### Plastic Case, empty

With foam padding

Type	KKL EKS VI KVS
Part No.	745 902
Dimensions	445 x 345 x 100 mm



#### Earthing and Short-Circuiting Device VI, Earth Clamp with flexible adjustable Handle

Adjustable handle with two positions, clamping range up to 20 mm, for cable distribution cabinets

Type	EKV3 25VI DG	EKV3 35VI DG
Part No.	745 325	745 335
Variant No.	V162LDM	VE5K3HM
Cable cross-section	25/25 mm <sup>2</sup>	35/35 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	7.0 kA	10.0 kA
Max. short-circuit current $I_k$ 1 s	4.9 kA	6.9 kA

Note: When ordering please specify the Variant No.

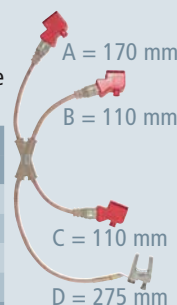


#### Earthing and Short-Circuiting Device VI, spring-loaded Earth Clamp

Clamping range up to 24 mm, installation via adjustable handle (Part No. 745 921), for service entrance boxes

Type	EKV3 16VI EK
Part No.	745 340
Variant No.	VZPW9LG
Cable cross-section	16/16 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	4.5 kA
Max. short-circuit current $I_k$ 1 s	3.2 kA

Note: When ordering please specify the Variant No.



#### VI Earthing Handle

With dual function

- For installing earthing cartridges with T connection into NH fuse holders
- For connecting VI earthing and short-circuiting devices to earthing cartridges

Type	EG 00 4A VI
Part No.	745 922
Length	285 mm



#### Adjustable Handle with flexible Shaft

With magnetic socket wrench insert

For connecting spring-loaded earth clamps

Type	DGF EKV VI
Part No.	745 921
Length	290 mm



#### Plastic Case, empty

With foam padding and hook-and-loop fastener

Type	KK 56 41 17 EK VI TI
Part No.	745 952
Dimensions	565 x 410 x 170 mm



## Three-pole Earthing and Short-Circuiting Kit VI

### Kit Parts

#### Sheet Metal Case, empty

With foam padding

Type	SBKL EKS VI KVS
Part No.	745 900
Dimensions	440 x 330 x 100 mm



#### Earthing and Short-Circuiting Device VI, spring-loaded Earth Clamp

Clamping range up to 24 mm, installation via adjustable handle (Part No. 745 921), for cable distribution cabinets

Type	EKV3 25VI EK	EKV3 35VI EK
Part No.	745 326	745 336
Variant No.	VMRSJWD	VEH4JQY
Cable cross-section	25/25 mm <sup>2</sup>	35/35 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	7.0 kA	10.0 kA
Max. short-circuit current $I_k$ 1 s	4.9 kA	6.9 kA

Note: When ordering please specify the Variant No.



#### Spring-loaded compact Clamp

With T connection and hexagon bolt (width A/F 10) for installation via VI earthing handle and fixation via flexible shaft

Type	KK TA 0 24 SK10
Part No.	745 503
Clamping range	Up to 24 mm
Max. short-circuit current $I_k$ 0.5 s	10.0 kA
Max. short-circuit current $I_k$ 1 s	6.9 kA



#### NH 00 Earthing Cartridges

With T connection for installation into NH fuse holders and blocks of size NH 00

For use with VI earthing handle

Type	EP NH00 VI TA
Part No.	745 905
Size	00
Max. cable cross-section	35 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	10.0 kA
Max. short-circuit current $I_k$ 1 s	6.9 kA



#### NH 1 ... 3 Earthing Cartridges

With T connection for installation into NH fuse holders and blocks of size NH 1 ... 3

For use with VI earthing handle

Type	EP NH1 3 VI TA
Part No.	745 910
Size	1 ... 3
Max. cable cross-section	35 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	10.0 kA
Max. short-circuit current $I_k$ 1 s	6.9 kA



#### NH 4a Earthing Cartridges

Type	EP NH4A VI TA
Part No.	745 915
Size	4a
Max. cable cross-section	35 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	10.0 kA
Max. short-circuit current $I_k$ 1 s	6.9 kA





## Three-pole Earthing and Short-Circuiting Kit TI

Safety Equipment

Kit for low-voltage installations, partly insulated type TI

Equipment for Voltages up to 1000 V



Attaching a partly insulated earthing and short-circuiting device using an earthing handle of type TI

### General Information:

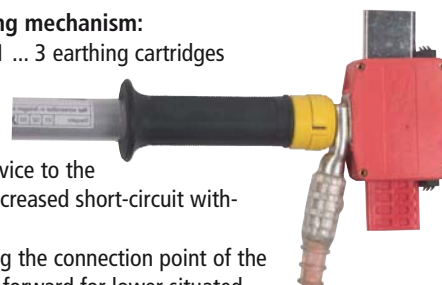
Standard	EN/IEC 61230 (DIN VDE 0683 Part 100)
Temperature range	– 25 °C ... + 55 °C

- Fully equipped kit for cable distribution cabinets
- Safe operation with insulated earthing handle of type TI (with dual function), suitable both for installing and removing earthing cartridges with M10 connection as well as for attaching earthing and short-circuiting devices (EaS devices)
- Waterproof, plastic-sheathed cable entry and node unit, additionally protected against twisting
- Other cable lengths can be selected online via the earthing and short-circuiting configurator

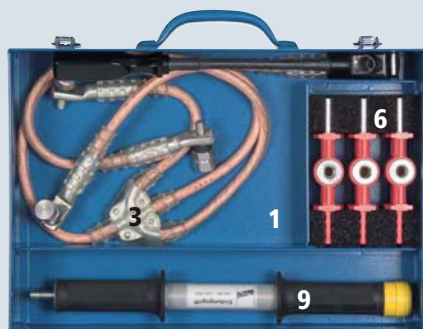
### Additional locking mechanism:

The claws of size 1 ... 3 earthing cartridges spread out when attaching the earthing and short-circuiting device to the NH fuse holder (increased short-circuit withstand capability).

Adapter for moving the connection point of the earthing cartridge forward for lower situated NH fuse holders is available on request.



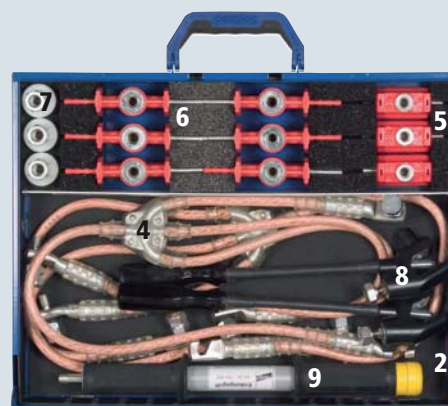
## Kit I in Sheet Metal Case



Type	EKS TI KVS SBK
Part No.	766 302
Variant No. of the earthing and short-circuiting device	VSUN6NV
Dimensions	380 x 260 x 80 mm

Note: When ordering please specify the Variant No.

## Kit II in Sheet Metal Case



Type	EKS TI 2F KVS SBK
Part No.	745 500
Variant No. of the earthing and short-circuiting device	VUKMT58
Dimensions	440 x 330 x 66 mm

Note: When ordering please specify the Variant No.

## Safety Equipment

## Equipment for Voltages up to 1000 V

## Sheet Metal Case, empty

Type	SBKL EKS TI KVS
Part No.	766 300
Colour	Blue
Dimensions	380 x 260 x 80 mm



## Earthing and Short-Circuiting Device TI, Earth Clamp with flexible adjustable Handle

Adjustable handle with two positions, clamping range up to 20 mm, for cable distribution cabinets

Type	EKV3 25TI DG	EKV3 35TI DG
Part No.	745 345	745 346
Variant No.	VSUN6NV	VSHDQZB
Cable cross-section	25/25 mm <sup>2</sup>	35/35 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	7.0 kA	10.0 kA
Max. short-circuit current $I_k$ 1 s	4.9 kA	6.9 kA

Note: When ordering please specify the Variant No.

## Earthing and Short-Circuiting Device TI, spring-loaded Earth Clamp

Clamping range up to 24 mm and fixation via adjustable handle (Part No. 745 921), fixed earthing cartridges of size 00 on the phase cable end, for service entrance boxes

Type	EKV3 NH00 TI
Part No.	745 365
Variant No.	V1RC3P2
Cable cross-section	16/16 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	4.5 kA
Max. short-circuit current $I_k$ 1 s	3.2 kA

Note: When ordering please specify the Variant No.

## NH 00 Earthing Cartridges

With M10 connection for insertion into NH fuse holders and blocks of size NH 00

For use with TI earthing handle

Type	EP NH00 TI M10
Part No.	745 302
Size	00
Max. cable cross-section	35 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	10.0 kA
Max. short-circuit current $I_k$ 1 s	6.9 kA



## NH 4a Earthing Cartridges

With M10 connection for insertion into NH fuse holders and blocks of size NH 4a

For use with TI earthing handle (Part No. 745 400/S03)

Type	EP NH4A TI M10
Part No.	745 016
Size	4a
Max. cable cross-section	35 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	10.0 kA
Max. short-circuit current $I_k$ 1 s	6.9 kA



## Three-pole Earthing and Short-Circuiting Kit TI

## Kit Parts

## Sheet Metal Case, empty

With foam padding

Type	SBKL EKS TI KVS 2F
Part No.	766 298
Colour	Blue
Dimensions	440 x 330 x 66 mm



## Earthing and Short-Circuiting Device TI with hook-shaped Cable Lug on the Earth Cable End

For installation of earth clamps Part No. 745 602 or 745 502, for cable distribution cabinets

Typ EKV3 ...	16TI HK	25TI HK	35TI HK
Part No.	745 358	745 359	745 360
Variant No.	V3RQASE	VUKMT58	VDZ2VDX
Cable cross-section	16/16 mm <sup>2</sup>	25/25 mm <sup>2</sup>	35/35 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	4.5 kA	7.0 kA	10.0 kA
Max. short-circuit current $I_k$ 1 s	3.2 kA	4.9 kA	6.9 kA

Note: When ordering please specify the Variant No.

## Earthing and Short-Circuiting Device TI, spring-loaded Earth Clamp

Clamping range up to 24 mm and fixation via adjustable handle (Part No. 745 921),

screw-on cable lugs with M10 hexagon pin on the phase cable end,

to be screwed onto earthing cartridges with M10 connection of service entrance boxes

Type	EKV3 16TI EK
Part No.	745 363
Variant No.	VS829AH
Cable cross-section	16/16 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	4.5 kA
Max. short-circuit current $I_k$ 1 s	3.2 kA

Note: When ordering please specify the Variant No.

## NH 1 ... 3 Earthing Cartridges

With M10 connection for insertion into NH fuse holders and blocks of size NH 1 ... 3

For use with TI earthing handle

Type	EP NH1 3 TI M10
Part No.	745 018
Size	1 ... 3
Max. cable cross-section	35 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	10.0 kA
Max. short-circuit current $I_k$ 1 s	6.9 kA



## NH 1 ... 3 Earthing Cartridges with Grip Lugs

With M10 connection for use with TI earthing handle or NH fuse handle with sleeve (Part No. 785 645)

Type	EP NH1 3 TI GL M10
Part No.	745 017
Size	1 ... 3
Max. cable cross-section	35 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	10.0 kA
Max. short-circuit current $I_k$ 1 s	6.9 kA



## Three-pole Earthing and Short-Circuiting Kit TI

Safety Equipment

### Kit Parts

Equipment for Voltages up to 1000 V

#### Screw-in Earthing Insert with M10 Connection, insulated

Insulated thread

To be screwed into E27 and E33 threaded fuse holders using a TI earthing handle

Type	ESE E27 TI M10	ESE E33 TI M10
Part No.	745 201	745 202
Size	E27	E33
Contact pin	Brass/gal CuSn	Brass/gal CuSn
Thread	Plastic	Plastic
Max. cable cross-section	25 mm <sup>2</sup>	25 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	7.0 kA	7.0 kA
Max. short-circuit current $I_k$ 1 s	4.9 kA	4.9 kA



#### Screw-in Earthing Insert with M10 Connection

Conductive thread

To be screwed into E27 and E33 threaded fuse holders using TI earthing handle

Type	ESE E27 KBI M10	ESE E33 KBI M10
Part No.	745 203	745 204
Size	E27	E33
Contact pin	Plastic	Plastic
Thread	Brass/gal CuSn	Brass/gal CuSn
Max. cable cross-section	25 mm <sup>2</sup>	25 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	7.0 kA	7.0 kA
Max. short-circuit current $I_k$ 1 s	4.9 kA	4.9 kA



#### Earth Clamp with flexible adjustable Handle and two Setting Positions

To be connected to the earth cable end of earthing and short-circuiting devices for cable distribution cabinets, with M8 terminal stud, protection against twisting and nut

Type	EK I FL20 DGF
Part No.	745 602
Clamping range	Up to 20 mm



#### Bare Earth Clamp with Wing Bolt

To be connected to the earth cable end of earthing and short-circuiting devices for cable distribution cabinets, with M8 bolt, protection against twisting and nut

Type	EK FL20 FS
Part No.	745 502
Clamping range	Up to 20 mm



#### TI Earthing Handle

With dual function

- For installing earthing cartridges or screw-in earthing inserts with M10 terminal
- For connecting TI earthing and short-circuiting devices to earthing cartridges (socket wrench insert size 19)

Type	EG TI EKV
Part No.	745 400
Length	355 mm



#### Adjustable Handle with flexible Shaft

With magnetic socket wrench insert

For connecting spring-loaded earth clamps

Type	DGF EKV VI
Part No.	745 921
Length	290 mm



#### Plastic Case, empty

With foam padding and hook-and-loop fastener

Type	KK 56 41 17 EK VI TI
Part No.	745 952
Dimensions	565 x 410 x 170 mm



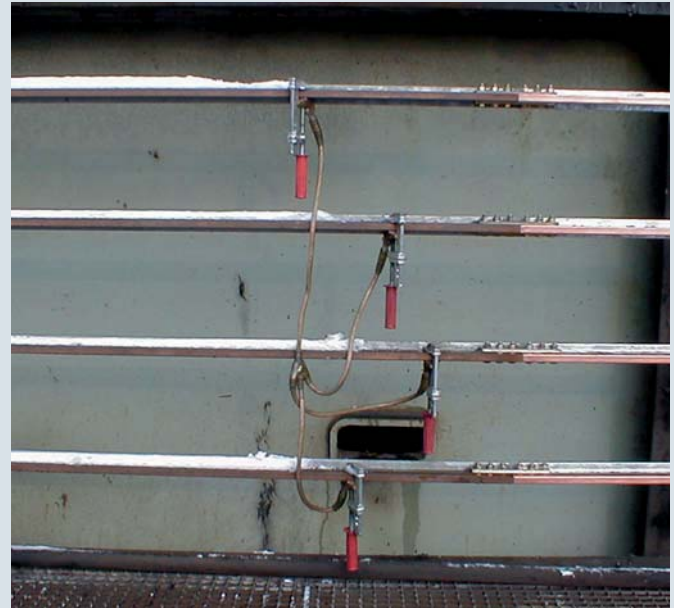
## Safety Equipment

## Three-pole Earthing and Short-Circuiting Devices

## Equipment for Voltages up to 1000 V

## With clamps for crane conductor bars

- For insulated or uninsulated conductor bars of cranes and lifting equipment
- Allows to lock the clamping range of the clamps in several positions
- Waterproof, plastic-sheathed cable entries and node unit, with additional protection against twisting
- Other cable lengths can be selected online via the earthing and short-circuiting configurator

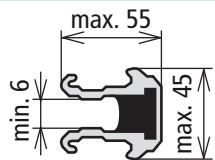
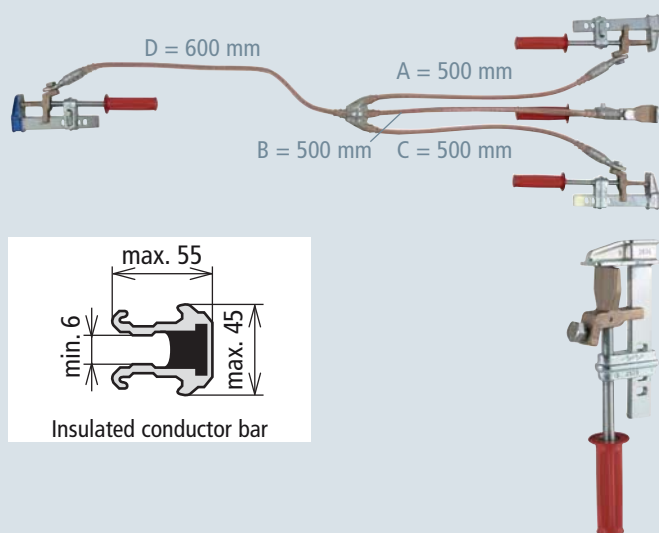


Three-pole earthing and short-circuiting device with clamps

## General Information:

Standard	EN/IEC 61230 (DIN VDE 0683 Part 100)
Temperature range	– 25 °C ... + 55 °C
Material (clamp body)	MCl/gal Zn
Material (pressure plates)	Copper alloy
Material (short-circuiting cables)	Highly flexible copper

## With Clamps for insulated Conductor Bars



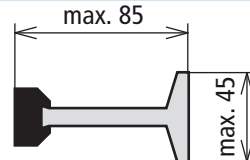
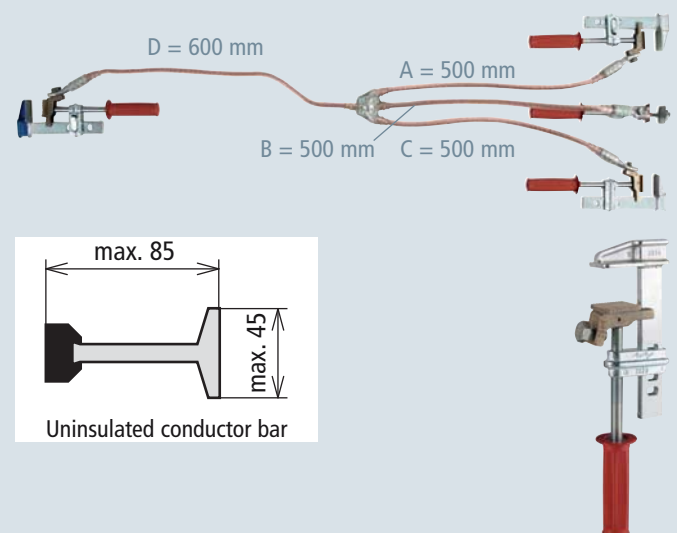
Insulated conductor bar

Type	EKV3 25IS ZK	EKV3 35IS ZK	EKV3 50IS ZK
Part No.	745 370	745 371	745 372
Variant number	VH8QTCZ	VKB2Q6J	VP6YV4T
Clamping range	55 mm	55 mm	55 mm
Cable cross-section	25/25 mm <sup>2</sup>	35/35 mm <sup>2</sup>	50/50 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	7.0 kA	10.0 kA	14.0 kA
Max. short-circuit current $I_k$ 1 s	4.9 kA	6.9 kA	9.9 kA

Note: When ordering please specify the Variant No.

The clamp for the PEN conductor is marked in blue.

## With Clamps for uninsulated Conductor Bars



Uninsulated conductor bar

Type	EKV3 25BS ZK	EKV3 35BS ZK
Part No.	745 375	745 376
Variant number	VQTK4T	VN63A91
Clamping range	85 mm	85 mm
Cable cross-section	25/25 mm <sup>2</sup>	35/35 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	7.0 kA	10.0 kA
Max. short-circuit current $I_k$ 1 s	4.9 kA	6.9 kA

Note: When ordering please specify the Variant No.



## Four-pole to six-pole Earthing and Short-Circuiting Devices

Safety Equipment

For low-voltage overhead conductors up to Ø12 mm (95 mm<sup>2</sup>)

Equipment for Voltages up to 1000 V



Sample construction of a four-pole short-circuiting device

- Insulated screw clamps for overhead conductors
- Four-pole version, extendible up to six poles
- Reliable conductivity due to copper bar in the insulating tube

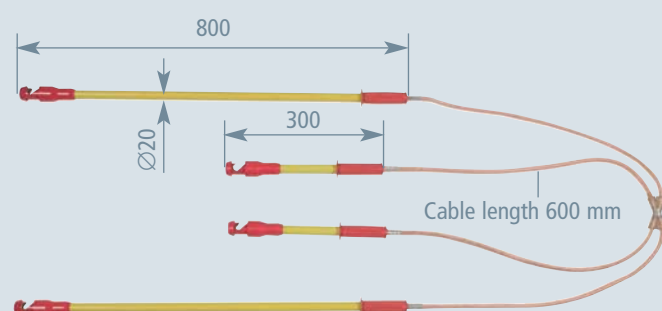
The devices have an insulated threaded stick (with handle) for safe contact with the overhead lines and for fast installation (reliable contact due to spring-loaded screw clamp) at the overhead conductors.

The fully insulated device is available as four-pole (with fixed node unit), five-pole or six-pole version (with extendible node unit).

### General Information:

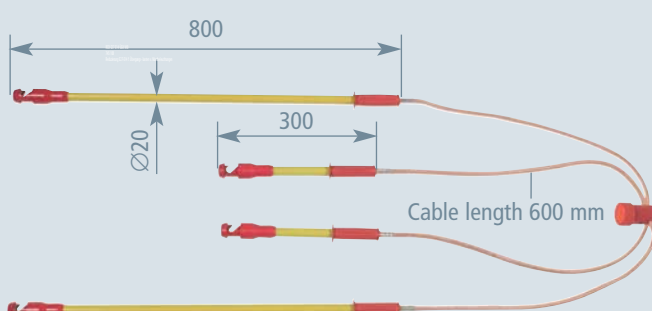
Standard	EN/IEC 61230 (DIN VDE 0683 Part 100)
Temperature range	– 25 °C ... + 55 °C
Material (insulating tube)	Glass-fibre reinforced polyester tube
Length (insulating tube)	2x 300 mm, 2x 800 mm
Material (clamp body)	Copper alloy, insulated
Material (short-circuiting cables)	Highly flexible copper
Length (short-circuiting cables)	600 mm

### Four-pole Node Unit



Type	KV4 25 NSFL ISK95
Part No.	742 225
Cable cross-section	25 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	7.0 kA
Max. short-circuit current $I_k$ 1 s	4.9 kA

### Four-pole Node Unit, extendable up to five to six-pole



Type	KV4 25 NSFL ISK95 E
Part No.	742 425
Cable cross-section	25 mm <sup>2</sup>
Max. short-circuit current $I_k$ 0.5 s	7.0 kA
Max. short-circuit current $I_k$ 1 s	4.9 kA

### Additional single-pole Conductors

Type	ZA 25 ISK95 300	ZA 25 ISK95 800
Part No.	740 300	740 800
Cable cross-section	25 mm <sup>2</sup>	25 mm <sup>2</sup>
Length( insulating tube)	300 mm	800 mm
Max. short-circuit current $I_k$ 0.5 s	7.0 kA	7.0 kA
Max. short-circuit current $I_k$ 1 s	4.9 kA	4.9 kA

Other cable or insulating tube length are available on request.



## Safety Equipment

## Three-pole Earthing and Short-Circuiting Kit for Street Lighting Systems

Equipment for Voltages up to 1000 V

- For junction and fuse boxes of street lighting systems
- For E14 fuse links
- E27 to E14 aluminium adapter
- Max. backup fuse 32 A power circuit breaker (B characteristic)



Type	EKV ÜGK MB S
Part No.	745 105
Dimensions	395 x 295 x 105 mm



Earthing and short-circuiting device installed at a junction and fuse box of a street lighting mast

## Accessory for Earthing and Short-Circuiting Kit

## E27 / E14 Adapter

Reducing insert for converting from E27 to E14 threads  
Allows to use earthing and short-circuiting devices with E14 screw-in earthing inserts even for E27 threads

Type	RED E27 E14 ÜGK MB
Part No.	745 108
Dimensions	Ø30 x 25 mm
Material	Aluminium



## Installation Adapter

For installing E27 / E14 adapters and gauge rings for D-fuses DII and DIII

Type	PSS DII
Part No.	745 109
Dimensions	Ø30 x 110 mm
Material	Plastic



## Adjustable Handle with flexible Shaft

With magnetic socket wrench insert  
For connecting spring-loaded earth clamps

Type	DGF EKV VI
Part No.	745 921
Length	290 mm



## Accessory for Earthing and Short-Circuiting Kit

## Plastic Case, empty

With foam padding

Type	KKL EKV ÜGK MB
Part No.	745 106
Dimensions	395 x 295 x 105 mm



## Earthing and Short-Circuiting device for Street Lighting Systems

With 3 fixed E14 screw-in earthing inserts and spring-loaded earth clamp, clamping range up to 24 mm (fixation using an adjustable handle, Part No. 745 921)

Type	EKV ÜGK MB
Part No.	745 107
Cable cross-section	6 mm²



## Earthing Handle

Safety Equipment

For low-voltage installations

Equipment for Voltages up to 1000 V



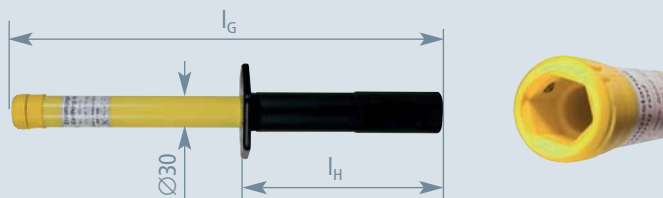
Applying an earthing and short-circuiting device in a low-voltage switchgear installation using an earthing handle

- For applying earthing and short-circuiting devices in low-voltage installations
- End fitting with plug-in coupling for handle extension
- Light-weight construction
- Hexagon shaft (width across flats 19) or T pin shaft

### General Information:

Standard	T pin shaft DIN 48087
Temperature range	– 25 °C ... + 55 °C
Material ( insulating tube)	Glass-fibre reinforced polyester tube
Material (coupling)	Plastic
Material (end fitting)	Plug-in coupling for extending the handle

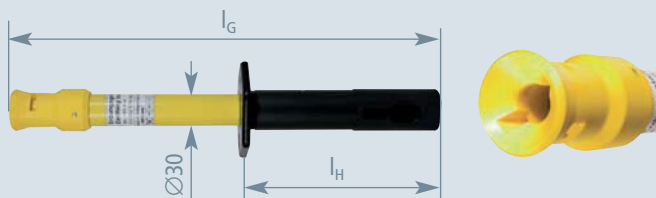
### Earthing Handle, STK hexagon shaft



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

Type	EG SK STK 400
Part No.	745 415
Total length (l <sub>G</sub> )	400 mm
Length (handle) (l <sub>H</sub> )	185 mm

### Earthing Handle, STK T Pin shaft



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

Type	EG SQ STK 400
Part No.	745 414
Total length (l <sub>G</sub> )	400 mm
Length (handle) (l <sub>H</sub> )	185 mm

## Safety Equipment

## Equipment for Voltages up to 1000 V

- Extremely shock-resistant, waterproof and dust-proof enclosure
- Sensor with easily identifiable switching point
- Two versions with different measuring ranges
- For use in overhead line networks by attaching extension prods
- No batteries required
- Safe two-hand operation
- CAT IV offers maximum safety against impulse voltage



Each handle of the voltage detector is fitted with a test button. These buttons activate the measuring element and LED display. High-resistance tests (LCD) can be performed without pressing the buttons and low-resistance tests by pressing the buttons.

## Accessory for Two-pole SPN Voltage Detector

## Extension Prod

For use in overhead line networks, to be screwed onto the basic device

Type	VS 500 SPN II
Part No.	766 542
Length	500 mm



## Storage Bag, empty

For SPN voltage detectors (basic device with extension prods)

Type	AT SPN II
Part No.	766 543
Material	Artificial leather



## Two-pole SPN Voltage Detector

Nominal voltages up to 1000 V



Two-pole SPN voltage detector used with extension prods for overhead lines

## General Information:

Standard	EN/IEC 61243-3 (DIN VDE 0682 Part 401)
Temperature range	- 10 °C ... + 55 °C
Degree of protection	IP 65
Use	Suitable for use in wet weather conditions
Material (indicator)	Safety enclosure made of solid rubber
Indication	Moving-iron instrument, LCD and LED
Connecting cable	Rubber-sheathed cable, highly flexible, 1000 mm
Overvoltage category	CAT IV in accordance with IEC 60664-1



## Basic devices

Type	SPN 500	SPN 1000
Part No.	766 541	766 545
Nominal voltage range $U_N$	100 ... 500 V	120 ... 1000 V
Frequency range	0 ... 100 Hz	0 ... 100 Hz
Dimensions (indicator)	274 x 75 x 47 mm	274 x 75 x 47 mm

Other versions are available on request.



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



**UK Office**

**Keison Products,**

**P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.**

**Tel: +44 (0)330 088 0560**

**Fax: +44 (0)1245 808399**

**Email: [sales@keison.co.uk](mailto:sales@keison.co.uk)**

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.