

Three-pole Earthing and Short-circuiting Devices Type VI

SAFETY EQUIPMENT

Kit for low-voltage installations, fully insulated, Type VI

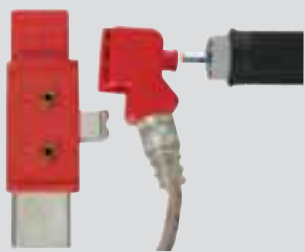
EQUIPMENT FOR VOLTAGES UP TO 1000 V

EN/IEC 61230 (DIN VDE 0683 Part 100)

- Fully insulated, shock-proof version
- Complete kit for cable distribution cabinets
- Safe operation with insulated earthing handle Type VI (with dual function), suitable for both inserting and removing earthing cartridges with T connection as well as for installing the earthing and short-circuiting device (E+S device)
- Waterproof, plastic-sheathed cable entry and node unit, with additional protection against twisting

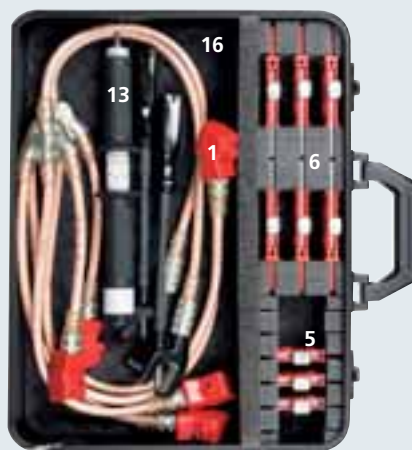


Installation of the fully insulated earthing and short-circuiting device using earthing handle Type VI.



Earthing cartridge with T connection, fully insulated connector and earthing handle.

Longer T pin for moving the connecting point forward for lower NH fuse holders is available on request.



| Type | Dimensions | Part No. |
|------|------------|----------|
|------|------------|----------|

A Fully insulated Version in a Plastic Case

The standard kit includes:

| Pos. | Qty. | Description | Part No. |
|------|------|---|----------|
| 1 | 2 | Earthing and short-circuiting device, fully insulated, 25 mm ² | 745 925 |
| 5 | 3 | Earthing cartridges size 00 | 745 905 |
| 6 | 6 | Earthing cartridges size 1 ... 3 | 745 910 |
| 13 | 1 | Earthing handle Type VI | 745 922 |
| 16 | 1 | Plastic case | 745 902 |

| | | |
|------------------|--------------------|----------------|
| EKS VI 2F KVS KK | 445 x 345 x 100 mm | 745 903 |
|------------------|--------------------|----------------|

B Fully insulated Version in a Sheet Metal Case

The standard kit includes:

| Pos. | Qty. | Description | Part No. |
|------|------|---|----------|
| 1 | 2 | Earthing and short-circuiting device, fully insulated, 25 mm ² | 745 925 |
| 5 | 3 | Earthing cartridges size 00 | 745 905 |
| 6 | 6 | Earthing cartridges size 1 ... 3 | 745 910 |
| 13 | 1 | Earthing handle Type VI | 745 922 |
| 17 | 1 | Sheet metal case | 745 900 |

| | | |
|-------------------|--------------------|----------------|
| EKS VI 2F KVS SBK | 440 x 300 x 100 mm | 745 901 |
|-------------------|--------------------|----------------|

Other cable lengths or customised kits are available on request.

SAFETY EQUIPMENT

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Single Parts of three-pole Earthing and Short-circuiting Devices, Type VI

Earthing and Short-circuiting Device Type VI, Earth Clamp with flexible adjustable Handle

Adjustable handle with 2 positions, clamping range up to 20 mm
For cable distribution cabinets

| Type | Cable cross section | Max. short-circuit current I_k 1 s | Position | Part No. |
|--------------------|---------------------|--------------------------------------|----------|----------|
| EKV3 25 VI KVS DGF | 25 mm ² | 4.9 kA | 1 | 745 925 |
| EKV3 35 VI KVS DGF | 35 mm ² | 6.9 kA | | 745 935 |

Earthing and Short-circuiting Device Type VI, with spring-loaded Earth Clamp

Clamping range up to 24 mm and installation via adjustable handle, Part No. 745 921
For cable distribution cabinets

| Type | Cable cross section | Max. short-circuit current I_k 1 s | Part No. |
|---------------------|---------------------|--------------------------------------|----------|
| EKV3 25 VI KVS EK24 | 25 mm ² | 4.9 kA | 745 926 |
| EKV3 35 VI KVS EK24 | 35 mm ² | 6.9 kA | 745 936 |

Earthing and Short-circuiting Device Type VI, with spring-loaded Earth Clamp

Clamping range up to 24 mm and installation via adjustable handle, Part No. 745 921
For service entrance boxes

| Type | Cable cross section | Max. short-circuit current I_k 1 s | Part No. |
|---------------------|---------------------|--------------------------------------|----------|
| EKV3 16 VI HAK EK24 | 16 mm ² | 3.2 kA | 745 940 |

Earthing Cartridges NH 00

With T connection for installation into NH fuse holders and blocks, size NH 00
For use with earthing handle Type VI

| Type | Size | Max. cable cross section | Max. short-circuit current I_k 1 s | Position | Part No. |
|---------------|------|--------------------------|--------------------------------------|----------|----------|
| EP NH00 VI TA | 00 | 35 mm ² | 6.9 kA | 5 | 745 905 |

Earthing Cartridges NH 1 ... 3

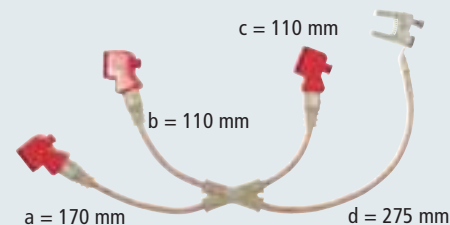
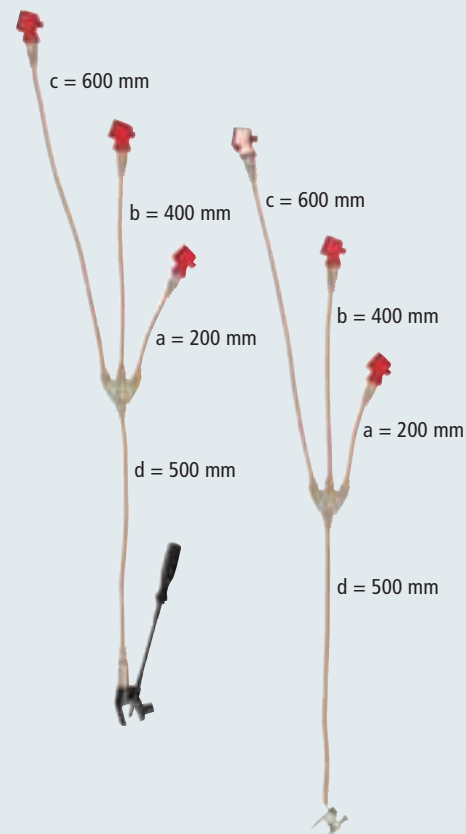
With T connection for installation into NH fuse holders and blocks, sizes NH 1 ... 3
For use with earthing handle Type VI

| Type | Size | Max. cable cross section | Max. short-circuit current I_k 1 s | Position | Part No. |
|----------------|---------|--------------------------|--------------------------------------|----------|----------|
| EP NH1 3 VI TA | 1 ... 3 | 35 mm ² | 6.9 kA | 6 | 745 910 |

Earthing Cartridges NH 4a

With T connection for installation into NH fuse holders and blocks size NH 4a
For use with earthing handle Type VI

| Type | Size | Max. cable cross section | Max. short-circuit current I_k 1 s | Part No. |
|---------------|------|--------------------------|--------------------------------------|----------|
| EP NH4A VI TA | 4a | 35 mm ² | 6.9 kA | 745 915 |



Single Parts of three-pole Earthing and Short-circuiting Devices, Type VI

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Earthing Handle Type VI

With dual function

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



| Type | Length | Position | Part No. |
|-------------|--------|----------|----------|
| EG 00 4A VI | 285 mm | 13 | 745 922 |

Adjustable Handle with flexible Shaft

With magnetic socket wrench insert

For connecting the spring-loaded earth clamp



| Type | Length | Part No. |
|------------|--------|----------|
| DGF EKV VI | 270 mm | 745 921 |



Plastic Case, empty

With foam padding

| Type | Colour | Dimensions | Position | Part No. |
|----------------|--------|--------------------|----------|----------|
| KKL EKS VI KVS | ● | 445 x 345 x 100 mm | 16 | 745 902 |



Sheet Metal Case, empty

With foam padding

| Type | Colour | Dimensions | Position | Part No. |
|-----------------|--------|--------------------|----------|----------|
| SBKL EKS VI KVS | ● | 440 x 330 x 100 mm | 17 | 745 900 |