

SAFETY EQUIPMENT**Four-pole to six-pole Short-circuiting Devices****EQUIPMENT FOR VOLTAGES UP TO 1000 V For low voltage overhead conductors up to Ø12 mm (95 mm²)**

EN/IEC 61230 (DIN VDE 0683 Part 100)



Sample construction of a four-pole short-circuiting device.

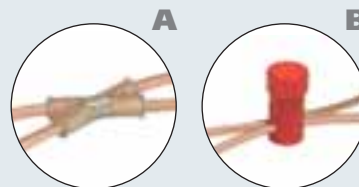
- Insulated screw clamps for overhead conductors
- Four-pole unit, extendible up to 6 poles
- Reliable conductivity due to copper bar in the insulating tube

Technical Data

Insulating tube	Glass-fibre reinforced polyester, Ø20 mm, yellow, Lengths: 2x 300 mm, 2x 800 mm
Clamping part	Cu alloy, insulated
Short-circuiting cables	Cu, highly flexible, cable lengths 600 mm
Node units	Cu alloy, insulated
Temperature range	- 25° C ... + 55° C

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

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



Type	Cable cross section	Max. short-circuit current I_k 1 s	Part No.
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A Four-pole Node Unit

KV4 25 NSFL ISK95	25 mm ²	4.9 kA	742 225
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B Four-pole Node Unit, extendible to five or six Poles

KV4 25 NSFL ISK95 E	25 mm ²	4.9 kA	742 425
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Other cable and insulating tube lengths are available on request.

Additional single-pole Conductors

With insulated screw clamp, short-circuiting cable, 600 mm long, with connector for extending the four-pole short-circuiting device, Part No. 745 425.

The connectors are screwed into the node unit (B model).

Type	Cable cross section	Max. short-circuit current I_k 1 s	Length of insulating tube	Part No.
ZA 25 ISK95 300	25 mm ²	4.9 kA	300 mm	740 300
ZA 25 ISK95 800	25 mm ²	4.9 kA	800 mm	740 800

