

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

Safety Equipment

For low-voltage overhead conductors up to $\varnothing 12$ mm (95 mm²)

Equipment for Voltages up to 1000 V



Sample construction of a four-pole short-circuiting device

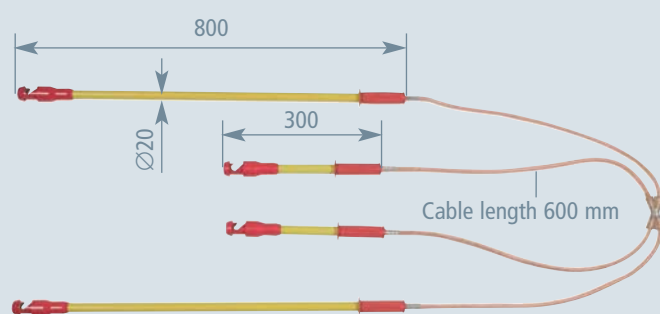
- Insulated screw clamps for overhead conductors
- Four-pole version, extendible up to six poles
- Reliable conductivity due to copper bar in the insulating tube

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:

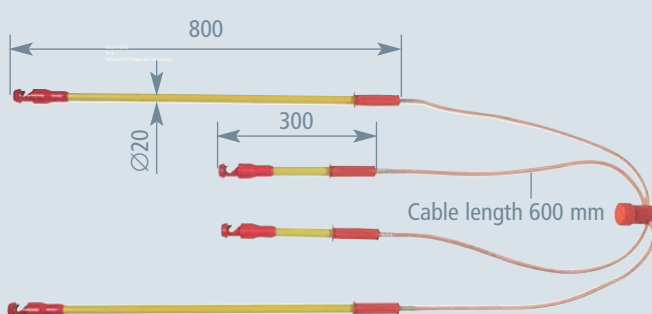
Standard	EN/IEC 61230 (DIN VDE 0683 Part 100)
Temperature range	- 25 °C ... + 55 °C
Material (insulating tube)	Glass-fibre reinforced polyester tube
Length (insulating tube)	2x 300 mm, 2x 800 mm
Material (clamp body)	Copper alloy, insulated
Material (short-circuiting cables)	Highly flexible copper
Length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

Four-pole Node Unit



Type	KV4 25 NSFL ISK95
Part No.	742 225
Cable cross-section	25 mm ²
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, extendible up to five to six-pole



Type	KV4 25 NSFL ISK95 E
Part No.	742 425
Cable cross-section	25 mm ²
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 ²	25 mm ²
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.

