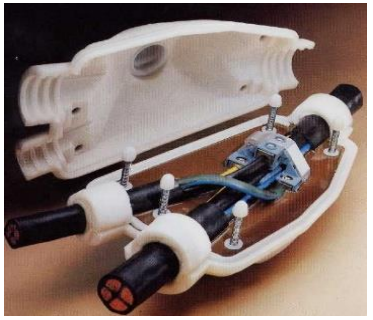
ISO-ELEKTRA®

PRODUCT DATA SHEET

SK 150 / 50, SK 150 / 95, SK 150

DESIGN

Two-piece, very stable, screwed sleeve shells with a special shape to accommodate a clamping ring. The seal is made with foam seals with break-out rings, which can be adjusted to the cable diameter without tools. The cable joint is protected electrically and mechanically by casting with ecologically optimized casting compound ISO-PUR® K2000, thin casting compound ISO-PUR® K762, label-free casting compound ISO-CAST® BRH or training-free casting compound ISO-PUR® K2000H. However, the cable joint can also be cast with tough RLS-W polyurethane ISO-PUR® K2000 or fast-hardening casting compound ISO-FILL® A2.



SK 150 / 95

USE

The SK cable joint can be used universally on plastic cables using compact clamping rings. It is used particularly for mechanically heavily stressed cables.

TESTS

- DIN VDE 0278 part 3
- DIN VDE 0291 draft 6 / 97
- DIN VDE 0291 part 2
- DIN EN 50393 (VDE 0278-393)
- DIN EN 50655-1:2018-06
- E DIN EN 60455-3-8:2018-02
- prHD 631.1
- European standard HD 623S / 1.97
- KEMA - tested (10 m water pillar)
- Additional high current (short circuit) test (VEW - PA 003)
- Control of each batch acc. DIN / ISO 9001

ASSEMBLY

Branch and main cables are connected with common compact clamp rings. With these rings, it is not necessary to remove the core insulation. Then the foam seals are adjusted to the cable diameter and the strain relief clamps are fitted. The screwed cable joint is then poured with cast resin over the large filling opening and closed with a cover. Fast filling of the cable ditch is possible due to the rapid hardening of the casting compound and the high mechanical stability of the cable case.

DELIVERY

Sleeve shells, strain relief clamps, seals, cover, hexagon screws, auxiliary material, casting compound, assembly instructions.

ACCESSORIES (ON REQUEST)

Compact clamping rings, press connectors, cable clamps. On request, the sets can also be supplied as earthing cable joints. Additional accessories: earthing bolts/connecting cable joints.

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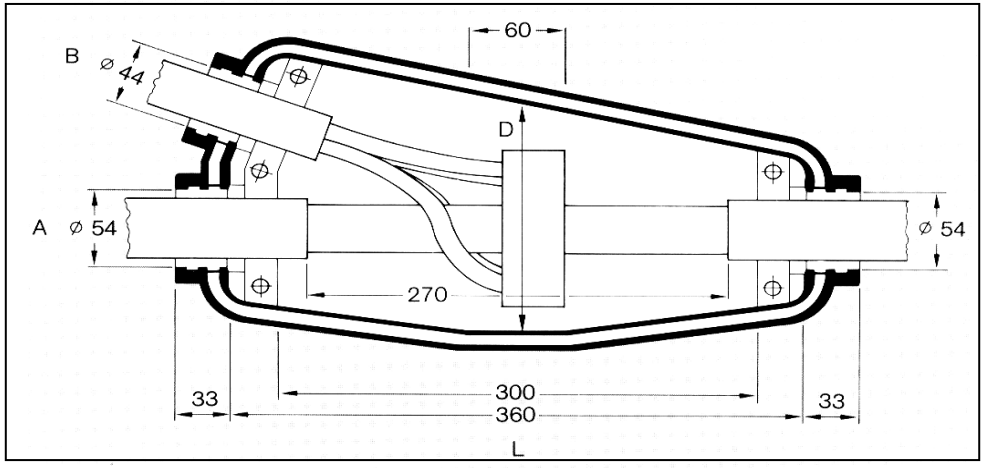
ISO-ELEKTRA®

DIMENSIONS OF CABLE CASES AND EXAMPLES OF SUITABLE CABLE/JOINT COMBINATIONS

Cable joint type	Outside length A (mm)	Inside length B (mm)	Max. diameter D (mm)	Volume (ltr.)	Max. diameter main / branch cable (mm)	Suitable cable types	Main or connection cable dimensions (mm^2)	Branch cable dimensions (mm^2)
SK 150 / 50	344	278	150	3,3	50 / 30	N(A)YY NA2XY N(A)YCWY	4 x 16 to 4 x 185 4 x 16 to 4 x 185 3 x 35/35 to 3 x 185/185	4 x 16 to 4 x 50 4 x 16 to 4 x 50 3 x 35/35 to 3 x 50/50
SK 150 / 95	426	360	160	3,5	50 / 40	N(A)YY NA2XY N(A)YCWY	4 x 16 to 4 x 185 4 x 16 to 4 x 185 3 x 35/35 to 3 x 185/185	4 x 16 to 4 x 95 4 x 16 to 4 x 95 3 x 35/35 to 3 x 95/95
SK 150	710	644	125	4,3	50	N(A)YY NA2XY N(A)YCWY	4 x 16 to 4 x 185 4 x 16 to 4 x 185 3 x 35/35 to 3 x 185/185	----------



SELECTION EXAMPLE

Cable data:

Main cable NAYCWY 3 x 185 / 185 mm^2

Branch cable NAYY 3 x 70 / 70 mm^2

House interfacing