

Cast resin branch off and connection cable boxes with mechanical stable housing and cable clamp.

SK 240 / 150 , Y-cable box, horizontal divided.

SK 240, connection cable box, horizontal divided.

$U_0 / U = 0,6 / 1 \text{ kV}$



Application

The box SK is a universal branch off cable box for plastic and paper / oil insulated cables using screw compact tap and single connectors. This box is widely used for mechanically stressed cables. The low weight of the housing simplifies the mounting of the cable box.

This halogen free cable box can also be sealed with hot sealing compounds.

Tests

- DIN VDE 0278 part 3
- DIN VDE 0291 plan 6/97
- European norm HD 623S1 / 1.97
- KEMA-approved (10 m water pressure)
- additional high current approved (VEW-PA 003)
- each batch controlled according to DIN / ISO 9001

Design

Divided, very stable, screwed housing, belly design to provide enough space for a tap connector. The large volume makes it ideal for armoured cables. The boxes are sealed with pre cut gaskets which can be easily adjusted to the cable size. Electrical and mechanical protection is achieved by RLS-W-type cast resin ISO-PUR K 2000 or fast curing sealing compound ISO-FILL A2. Also removable compounds like cold sealing compound "SZ", hot sealing compounds, or ISO-PUR K 715 (removable by cutting) can be used.

Mounting

Branch off and main cable are connected with compact tap connectors or single connectors; removal of insulation is not necessary. Subsequent installation of the gaskets and the cable clamp was followed by sealing of the complete mounted cable box *via* the large opening at the top of the cable box and closing of the box with a cap.

The cable ditch may be closed quickly since the sealing compounds are fast curing systems and the housing of the cable box is very stable.

Delivery

Housing, cable clamp, gaskets, cap, screws, mounting kit, mounting instructions.

Accessories

Screw compact tap connectors, compression screw connectors, single connectors, grounding screw and connector, cast resin.

please turn over

Measures of housing

| type | outer length a (mm) | inner length b (mm) | max. diameter D (mm) | volume (ltr.) | max. Ø main/branch off cable (mm) | suitable cables | main cable measures (mm ²) | branch off cable measures (mm ²) |
|-----------------|------------------------|------------------------|-------------------------|------------------|---|--|--|--|
| SK 240 / 150 | 740 | 620 | 280 | 13 | 60 / 55 | N(A)YY NA2XY N(A)YCWY N(A)KBA N(A)KLEY | 4 x 50 to 4 x 240 4 x 50 to 4 x 240 3 x 35/35 to 3 x 185/185 4 x 35 to 4 x 240 3 x 70 to 3 x 185 | 4 x 16 to 4 x 150 4 x 16 to 4 x 150 3 x 25/25 to 3 x 95/95 4 x 16 to 4 x 50 4 x 16 to 4 x 95 |
| SK 240 | 630 | 510 | 240 | 8 | 60 | N(A)YY NA2XY N(A)YCWY N(A)KBA N(A)KLEY | 4 x 50 to 4 x 240 4 x 50 to 4 x 240 3 x 35/35 to 3 x 185/185 4 x 35 to 4 x 240 3 x 70 to 3 x 185 | 4 x 16 to 4 x 150 4 x 16 to 4 x 150 3 x 25/25 to 3 x 95/95 4 x 16 to 4 x 50 4 x 16 to 4 x 95 |

This data sheet replaces previous issues.

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