



KOPOS

Electrical box with IP 66 Protection



Electrical boxes of **KSK** series are designed for surface installation at areas where strong protection of electrical installations from water penetration is required.

They comply with demands for **IP 66** protection - complete protection from dust and high-pressure water jets which means they may be satisfactorily installed in high humidity environments.

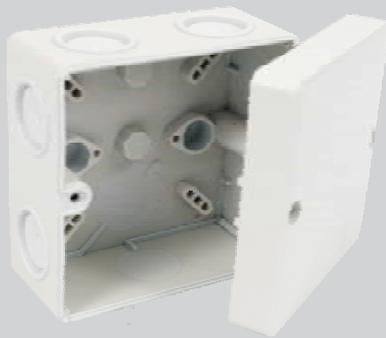
The lead-in of the boxes are equipped with a soft rim serving at the same time as a sealing membrane for the inserted cable or a wiring tube. The membrane may also be detached completely and a grommet with a nut to be used instead in which case the protection is maintained by the integrated O-ring around the lead-in.

On its upper rim, the body of the box is fitted with sealing to protect the interior of the box, together with the cover, from outside environment.

Thanks to the halogen-free material to be used, the boxes comply with requirements on electrical installations at areas to demand higher protection of persons and material resources.

Stainless steel screws for fixing the cover and plugs for capping the mounting holes in the bottom of the box are provided as a standard part of the set.

Furthermore, these holes are default sealed. The boxes are protected by a utility model.



KSK 80

material:	PP, PC - self-extinguishing, halogen-free
dimensions:	81 x 81 x 50 mm
lead-in:	8x 20 mm
colour:	light grey RAL 7035
thermal resistance:	-25 - +60 °C

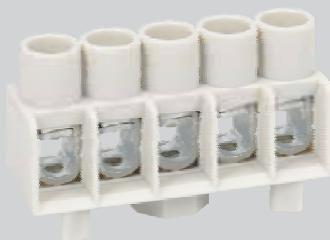


KSK 100

material:	PP, PC - self-extinguishing, halogen-free
dimensions:	101 x 101 x 61 mm
lead-in:	1x 20 mm; 7x 25 mm
colour:	light grey RAL 7035
thermal resistance:	-25 - +60 °C

A modified KSK 100 box is supplied also for systems which require to be stable operational in fire - see the catalogue for Systems Maintaining Functionality in a Fire.

S-KSK 1 - terminal plate



material:	PP - self-extinguishing, halogen-free
colour:	light grey
thermal resistance:	-40 - +85 °C

Suitable for KSK 80 and KSK 100 boxes.
Permits straightforward mounting on the bottom of the boxes.
Designed for maximum voltage of 500 V.





KSK 125



material:	PP, PC - self-extinguishing, halogen-free
dimensions:	126 x 126 x 74 mm
lead-in:	4x 20 mm; 6x 25 mm; 5x 32 mm
colour:	light grey RAL 7035
thermal resistance:	-25 - +60 °C

KSK 175



material:	PP, PC - self-extinguishing, halogen-free
dimensions:	176 x 126 x 87 mm
lead-in:	7x 20 mm; 12x 25 mm; 7x 32 mm; 3x 40 mm
colour:	light grey RAL 7035
thermal resistance:	-25 - +60 °C

S-KSK 2 - terminal plate



material:	PP - self-extinguishing, halogen-free
colour:	light grey
thermal resistance:	-40 - +85 °C

Suitable for KSK 125 and KSK 175 boxes.
It permits mounting on inner supports of boxes or their bottom.
Designed for maximum voltage of 500 V.



