



product description: Intended for installation to the distribution of low voltage.

Designed for installation of standard and modular devices 45x45 or 45x22,5 mm.

KOPOS recommends to install instruments from ABB, Legrand, PEHA, Schneider Electric and Simon connect.

Maximum number of modular instruments placed next to each other is 3 pcs. When installing multiple instruments next to each, it is necessary to put about 5 cm wide piece of lid after 3 pieces to fasten them.

No covers are necessary for the final installation of modular instrument. The lid is cut to the desired length and inserted next to the instrument.

KP PK instrument box with 8450... instrument washers are designed for mounting standard instruments and allow the installation of combined frames.

Allows the installation of a double-socket.

Its design allows inserting shielding canals SK 40X ... (to both chambers), all kinds of partition walls, including metal one, which serve as a shield, providing a great fixation of cables in the desired position.

possibility to install in places with risk of flammable gases and vapor – danger zone 2

possibility to install in places with explosive risk of dust – danger zone 22

material: PVC - Pb-free

self-snuffing: yes, within 30 s

temperature resistance: -5 - +60 °C

flaming loop test: 850 °C

impact strength: 1 J

protection types: IP40

fire class for underlying material: A1-F

inside area: 4400+3100 mm²

distance base perforation: 200 ±20 mm

length tolerance: ±10 mm

weight: 1,91 kg/m

mechanical protection according to EN 50102: IK07

meets the requirements: EN 50085-1 ed.2:06, EN 50085-2-1:07

storage: ČSN 64 0090



chemical resistance: YES: amoniak 25%, distilled water, ethanol 50%, sodium hydroxide 60%, hydrofluoric acid 40%, acetic acid 5%, sulfuric acid 96%, medicinal oil, methanol, olive oil, petroleum, hydrogen peroxide 20%, transformer oil, sodium carbonate

NO: aceton, benzen, chlorinated hydrocarbons, tetrachlorocarbon

trunkings are not a breeding ground for bacteria, tested in SZÚ according to ČSN EN ISO 846:2019

List of bacteria that have been tested:

ESCHERICHIA COLI, STAPHYLOCOCCUS AUREUS, KLEBSIELLA PNEUMONIAE, PSEUDOMONAS AERUGINOSA, ENTEROCOCCUS FAECALIS, BACILLUS SUBTILIS, SALMONELLA ENTERICA, LEGIONELLA PNEUMOPHILA, CANDIDA ALBICANS

item number	length	color	package	package - description	note
PK 210X70 D_HD	2 m	white RAL 9003	6 m	carton	-
8491_HB		white RAL 9003	2 / 10 / 160 pcs	foil / foil / carton	end
8492_HB		white RAL 9003	2 / 10 / 80 pcs	foil / foil / carton	connecting
8493_HB		white RAL 9003	1 / 12 pcs	foil / carton	bending
8494_HB		white RAL 9003	2 / 40 pcs	foil / carton	branching
8495_HB		white RAL 9003	2 / 16 pcs	foil / carton	inner corner
8496_HB		white RAL 9003	1 / 24 pcs	foil / carton	outer corner
8497_HB		white RAL 9003	2 / 10 / 90 pcs	foil / foil / carton	grommet

recycling symbols:



PVC trunkings, PVC covers



Protective film, adhesive tape, packaging film for trunkings, bags, and packaging film for covers



cardboard

usage of inner trunking cross-section (60%):

orientation cable diameter (mm)	6	7	8	8,5	9	9,5	10	11	12	13	14	15	16
number of inserted cables	95	74	60	55	48	42	37	34	30	22	20	15	12

Risks Associated with Product Use:

- during installation, use appropriate protective work equipment and follow safety guidelines
- use the product only for the purposes intended by the manufacturer
- use the product in an environment that complies with the manufacturer's instructions
- do not use the product if it is damaged
- follow the manufacturer's recommendations and do not exceed the number of inserted cables or the product's load capacity
- after installation, check the correctness of the mounting of trunkings and covers according to the manufacturer's recommendations

accessories:

- instrument box KP PK_HB
- partition walls PEKE 60_-C; PKS 70/60_XX; PEP 60_HD; PEP 60/K_S
- instrument washers 8450-11_HB; 8450-12_HB; 8450-13_HB
- shielding canals SK 40X20_S; SK 40X33_S