



**product description:** intended for installation to the distribution of low voltage  
 designed for installation of modular devices 45 x 45 or 22,5 x 45 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 lids are necessary for the final installation of instrument. The lid is cut to the desired length and inserted next to the instrument  
 partition wall PEKE 60\_-C can be used to separate the circuit. Alternatively partition wall PKS 70/60\_XX, which provides similar properties as a metal partition wall, but with lower weight and easy installation.  
 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:** 3800 mm<sup>2</sup>

**distance base perforation:** 200 ±20 mm

**length tolerance:** ±10 mm

**weight:** 0,86 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
<b>PK 90X55 D_HD</b>	2 m	white RAL 9003	12 m	carton	-
<b>PK 90X55 D_FD</b>	2m	black RAL 9005	12 m	carton	-
<b>8401_HB</b>		white RAL 9003	2 / 10 / 720 pcs	foil / foil / carton	end
<b>8401_FB</b>		black RAL 9005	2 / 10 / 720 pcs	foil / foil / carton	end
<b>8402_HB</b>		white RAL 9003	2 / 10 / 134 pcs	foil / foil / carton	connecting
<b>8402_FB</b>		black RAL 9005	2 / 10 / 134 pcs	foil / foil / carton	connecting
<b>8403_HB</b>		white RAL 9003	2 / 10 / 48 pcs	foil / foil / carton	bending
<b>8403_FB</b>		black RAL 9005	2 / 10 / 48 pcs	foil / foil / carton	bending
<b>8404_HB</b>		white RAL 9003	2 / 10 / 86 pcs	foil / foil / carton	branching
<b>8404_FB</b>		black RAL 9005	2 / 10 / 86 pcs	foil / foil / carton	branching
<b>8405_HB</b>		white RAL 9003	2 / 88 pcs	foil / carton	inner corner
<b>8405_FB</b>		black RAL 9005	2 / 88 pcs	foil / carton	inner corner
<b>8406_HB</b>		white RAL 9003	2 / 100 pcs	foil / carton	outer corner
<b>8406_FB</b>		black RAL 9005	2 / 100 pcs	foil / carton	outer corner
<b>8407_HB</b>		white RAL 9003	2 / 10 / 300 pcs	foil / foil / carton	grommet
<b>8407_FB</b>		black RAL 9005	2 / 10 / 300 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	44	30	25	22	19	15	15	13	9	8	8	6	6

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: partition walls PEKE 60\_-C; PKS 70/60\_XX