



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 covers are necessary for the final installation of instrument. The lid is cut to the desired length and inserted next to the instrument

the tilting section allows inserting the shielding canals SK 40X20\_S or SK 40X33\_S, which ensures perfect shielding of data circuits. If shielding and therefore inserting shielding canals is required, parapet trunking must be installed with tilting section up.

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: 1550+2250 mm<sup>2</sup>

distance base perforation: 200 ±20 mm

length tolerance: ±10 mm

weight: 1,25 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, KLEBSIELIA PNEUMONIAE, PSEUDOMONAS AERUGINOSA, ENTEROCOCCUS FAECALIS, BACILLUS SUBTILIS, SALMONELLA ENTERICA, LEGIONELLA PNEUMOPHILA, CANDIDA ALBICANS

| item number    | length | color          | package          | package - description | note         |
|----------------|--------|----------------|------------------|-----------------------|--------------|
| PK 120X55 D_HD | 2 m    | white RAL 9003 | 6 m              | carton                | -            |
| 8471_HB        |        | white RAL 9003 | 2 / 10 / 500 pcs | foil / foil / carton  | end          |
| 8472_HB        |        | white RAL 9003 | 2 / 10 / 104 pcs | foil / foil / carton  | connecting   |
| 8473_HB        |        | white RAL 9003 | 2 / 62 pcs       | foil / carton         | bending      |
| 8474_HB        |        | white RAL 9003 | 2 / 10 / 60 pcs  | foil / foil / carton  | branching    |
| 8475_HB        |        | white RAL 9003 | 2 / 64 pcs       | foil / carton         | inner corner |
| 8476_HB        |        | white RAL 9003 | 2 / 80 pcs       | foil / carton         | outer corner |
| 8477_HB        |        | white RAL 9003 | 2 / 10 / 250 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       | 57 | 51 | 31 | 30  | 28 | 24  | 20 | 18 | 13 | 12 | 12 | 10 | 8  |

|                                    |   |
|------------------------------------|---|
| Risks Associated with Product Use: | during installation, use appropriate protective work equipment and follow safety guidelines<br>use the product only for the purposes intended by the manufacturer<br>use the product in an environment that complies with the manufacturer's instructions<br>do not use the product if it is damaged<br>follow the manufacturer's recommendations and do not exceed the number of inserted cables or the product's load capacity<br>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  
shielding canals SK 40X20\_S; SK 40X33\_S