



product description: intended for installation to the distribution of low voltage  
 standard shape  
 designed for wall or ceiling mounting  
 double lock on lid increasing the trunking's rigidity and ensuring stronger cover fixation  
 possibility to install in places with risk of flammable gases and vapor zone 2  
 possibility to install in places with explosive risk of flammable dusts zone 22

material: PVC - Pb-free  
 self-snuffing: yes, within 30 s  
 temperature resistance: -5 - +60 °C  
 flaming loop test: 850 °C  
 impact strength: 0,5 J  
 protection types: IP40  
 fire class for underlying material: A1-F  
 inside area: 770 mm<sup>2</sup>  
 distance base perforation: 200 ±20 mm  
 length tolerance: ±10 mm  
 weight LHD 50X20: 0,25 kg/m  
 weight LHD 50X20/1: 0,28 kg/m  
 weight LHD 50X20/2: 0,30 kg/m  
 mechanical protection according to EN 50102: IK06  
 meets the requirements: EN 50085-1 ed.2:06, EN 50085-2-1:07  
 storage: ČSN 64 0090



| 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 |
|--|---------------------------------|---|---|---|-----|---|-----|----|----|----|----|----|----|
|  | LHD 50X20                       | 7 | 6 | 5 | 4   | 3 | 3   | 3  | 2  | 1  | 1  | 1  | 1  |
|  | LHD 50X20/1                     | 7 | 6 | 5 | 4   | 3 | 3   | 3  | 2  | 1  | 1  | 1  | 1  |
|  | LHD 50X20/2                     | 7 | 6 | 5 | 4   | 3 | 3   | 3  | 2  | 1  | 1  | 1  | 1  |

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

| item number           | length | color          | package      | package - description | note                   |
|-----------------------|--------|----------------|--------------|-----------------------|------------------------|
| <b>LHD 50X20_HD</b>   | 2 m    | white RAL 9003 | 32 m         | carton                | without partition wall |
| <b>LHD 50X20/1_HD</b> | 2 m    | white RAL 9003 | 32 m         | carton                | one partition wall     |
| <b>LHD 50X20/2_HD</b> | 2 m    | white RAL 9003 | 32 m         | carton                | two partition wall     |
| <b>8991_HB</b>        |        | white RAL 9003 | 10 / 880 pcs | foil / carton         | end                    |
| <b>8992_HB</b>        |        | white RAL 9003 | 10 / 870 pcs | foil / carton         | connecting             |
| <b>8993_HB</b>        |        | white RAL 9003 | 10 / 320 pcs | foil / carton         | bending                |
| <b>8994_HB</b>        |        | white RAL 9003 | 10 / 300 pcs | foil / carton         | branching              |
| <b>8995_HB</b>        |        | white RAL 9003 | 10 / 330 pcs | foil / carton         | inner corner           |
| <b>8996_HB</b>        |        | white RAL 9003 | 10 / 400 pcs | foil / carton         | outer corner           |