



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  
 certification: 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)	number of inserted cables													
		6	7	8	8,5	9	9,5	10	11	12	13	14	15	16	
	LHD 50X20	16	12	9	8	6	5	5	4	4	3	3	2	2	
	LHD 50X20/1	16	12	8	8	6	5	4	4	2	2	2	2	2	
	LHD 50X20/2	16	10	6	6	6	3	3	3	3	3	-	-	-	

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