Harmonized Code Industrial Cables H05V3V3H6-F/ H05V3V3D3H6-F

Application and Description	This kind of flat cables are used in crews of elevators for people and have burdens, and conducting very swift and hard parts of machines.H05V3V3H6-F type cables having no strechter carrier elements are adviced to use in elevator instalations max. swift not pass 4.0 m/s. These cables freely hanging height is max. 45m and movement limit is max 80m. For tde H05V3V3D3H6-F, at tde swifts between 4.0/s to 6.3m/s, it's adviced to use tde cables having strechter carrier elements. H05V3V3D3H6-F type cables freely hanging height is max. 80m movement limit is max. 150m.
Standard and Approval	EN 50214 HD 359 S3 IEC 60332-1 CSA C22.2 N° 49 DIN VDE 0281 part 404 UL 62
Cable Construction	Bare copper strand conductor acc. to DIN VDE 0295 class 5/6 resp. IEC 60228 class 5/6 PVC T15 core insulation Color coded to VDE 0293-308, >6 wires black witd white numerals witd green/yellow wire Black PVC TM 4 sheatd
Technical Characteristics	WORKING VOLTAGE: 300/500V TEST VOLTAGE: 2000V FLEXING TEMPERATURE: -35 ºC to +70 ºC FLAME RETARDANT: IEC 60332 -1 INSULATION RESISTANCE: 350 MΩ x km

Cable Parameter

AWG	NO. OF CORES X NOMINAL CROSS SECTIONAL AREA	NOMINAL OVERALL DIMENSION	NOMINAL COPPER WEIGHT	NOMINAL WEIGHT
	# X MM²	MM	KG/KM	KG/KM
		H05V3V3H6-F		
18(24/32)	12 x 0.75	33.7 x 4.3	79	251
18(24/32)	16 x 0.75	44.5 x 4.3	105	333
18(24/32)	18 x 0.75	49.2 x 4.3	118	371
18(24/32)	20 x 0.75	55.0 x 4.3	131	415
18(24/32)	24 x 0.75	65.7 x 4.3	157	496

17(32/32)	12 x 1	35.0 x 4.4	105	285
17(32/32)	16 x 1	51.0 x 4.4	157	422
17(32/32)	20 x 1	57.0 x 4.4	175	472
17(32/32)	24 x 1	68.0 x 4.4	210	565
H05V3V3D3H6-F				
18(24/32)	20 x 0.75	61.8 x 4.2	131	462
18(24/32)	24 x 0.75	72.4 x 4.2	157	546
17(32/32)	12 x 1	41.8 x 4.3	105	330
17(32/32)	14 x 1	47.8 x 4.3	122	382
17(32/32)	18 x 1	57.8 x 4.3	157	470
17(32/32)	22 x 1	69.8 x 4.3	192	572
17(32/32)	24 x 1	74.8 x 4.3	210	617