

H05VVH6-F

flat elevator travelling cable



Construction

Conductor	flexible stranded bare copper class 5 acc. to EN 60228
Insulation	special PVC compound according to EN 50363-3 TI 2
Layout	cores lay in parallel groups
Separation	talcum for elements - sheath separation
Ripcord	for removing sheath material
Sheath	special PVC compound according to EN 50363-4-1 TM 2 black similar to RAL9005 surface with knurling

Cores identification

cores	without green-yellow (x)	with green-yellow (G)
4	blue+brown+black+grey	green-yellow+brown+black+grey
4*	-	black+brown+green-yellow+blue
6	white insulation with black numbers	white insulation with black numbers + green/yellow between numbers 2 and 3
8	white insulation with black numbers	green/yellow between numbers 3 and 4
9	white insulation with black numbers	green/yellow between numbers 5 and 6
>9	white insulation with black numbers	white insulation with black numbers + green/yellow between numbers 7 and 8

Cable marking example

DRAKA 07 H05VVH6-F 24G1 <EZU> <HAR> order number I meter mark Made in EU

Repeated without meter mark in half of meter

Application

Flat, flexible travelling cable for use in passenger and goods lifts (elevators).

Recommended to use indoors.

Electrical data

Element	Rated Voltage U0/U V	Test voltage Core-Core V	Resistance single conductor Ω /km
Power cores 0,75 mm ²	300/500	2000	26,0
Power cores 1,0 mm ²	300/500	2000	19,5

Technical data

Maximum Freely Suspended Length m	Maximum Travelling Speed m/s	Natural loop (Static Flexibility) mm	Operating temp.		Minimum bending radius	Standards
			min.	max.		
45	4,0	< 700	-15,0	70,0	25 x cable height	EN 50214

Part Number	Cable Construction number of cores x nominal cross-section	Cable Dimensions height x width (approx.) mm	Cable Net Weight (approx.) kg/km	Standard Length m
on request	4 G 0,75	4,1 x 12,0	90	2000
20065525	6 G 0,75	4,1 x 18,0	140	1000
20107344	6 G 0,75	4,1 x 18,0	140	500
20065526	6 x 0,75	4,1 x 18,0	140	1000
20107432	8 G 0,75	4,1 x 22,5	175	1000
20107407	8 x 0,75	4,1 x 22,5	175	1000
20065601	9 x 0,75	4,1 x 26,0	205	1000
20111689	12 G 0,75	4,1 x 33,0	265	500
20065527	12 G 0,75	4,1 x 33,0	265	1000
20065528	12 x 0,75	4,1 x 33,0	265	1000
20065529	16 G 0,75	4,1 x 44,0	350	1000
20065070	16 x 0,75	4,1 x 44,0	350	1000
20065041	18 G 0,75	4,1 x 48,0	390	1000
20107353	18 G 0,75	4,1 x 48,0	390	500
20065341	20 G 0,75	4,1 x 53,5	430	500
20118515	20 G 0,75	4,1 x 53,5	430	1000
20093521	20 x 0,75	4,1 x 53,5	430	500
20065532	24 G 0,75	4,1 x 65,0	515	500
20150268	24 G 0,75	4,1 x 65,0	515	1000
20065350	24 x 0,75	4,1 x 65,0	515	500
20176735	4 G 1*	4,3 x 13,0	115	1000
20065046	6 G 1	4,3 x 19,0	160	1000
20107341	6 G 1	4,3 x 19,0	160	500
20085326	9 G 1	4,3 x 27,5	235	1000
20067120	12 G 1	4,3 x 35,0	300	1000
20065054	16 G 1	4,3 x 46,0	395	1000
20065058	18 G 1	4,3 x 51,0	440	1000
20065503	20 G 1	4,3 x 57,0	495	500
20065061	24 G 1	4,3 x 68,0	590	500

Notes

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