



CC-flat cable-H05/07VVH6-F-118

耐低温柔性扁平电缆，用于起重机和输送带

ConCab kabel gmbh



应用领域

CC-flat cable H05VVH6-F 以及 H07VVH6-F-118，适合在室内使用，用作起重机和输送机系统以及移动机器的控制和连接电缆。相较于圆电缆，其紧密铺设的芯线能够实现更小的弯曲半径。CC-flat cable 可以安装在干燥和潮湿的环境中。其特殊 PVC 外护套使其能够再低温环境中使用。该电缆也适合安装在电梯和升降机吊机中，只要悬挂长度不超过 35 m 并且运行速度不超过 1,6 m/s。外护套极其耐油，脂肪，酸和碱。

application

The harmonized CC-flat cable-H05VVH6-F resp. H07VVH6-F-118 is suitable indoors as a control and link-up cable for crane and conveyor systems as well as for moving machine parts. In comparison to round cables these closely laid cores achieve a considerable smaller bending radius. The CC-flat cable can be installed in dry and damp rooms. The cold-flexible PVC outer sheath enables it to be even used at low temperatures. The cable is also suitable to be installed in lifts and hoists as long as the suspension length does not exceed 35 m and the travelling speed does not exceed 1,6 m/s. The outer sheath is extensively resistant to oil, fat, acid and lye.

构造

裸铜丝多股精绞成束，PVC 芯线绝缘，芯线颜色符合 DIN VDE 0293 第 308 部分标准，6 芯及以上在中间带绿黄保护接地导线。外护套特殊耐低温柔性 PVC 材料，阻燃（符合 DIN EN 60332-1-2 VDE 0482 第 332-1-2:2005-06 部分标准）。外护套颜色黑色。

construction

Fine strands of bare copper wire, PVC core insulation, core colours acc. to DIN VDE 0293, part 308, 6 cores or more with greenyellow protective conductor in the middle. Outer sheath out of cold-flexible PVC, flame retardant (acc. to DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06). Colour black.

技术数据 / technical data

额定电压 / rated voltage:	小于 / up to 1,0mm ² :	300/500 V
	大于 / from 1,5mm ² :	450/750 V
测试电压 / test voltage:		3.000 V
导体绞合方式 / conductor stranding:	纯铜绞合 / fine copper strands,	
	符合 / acc. to DIN VDE 0295, 5 类标准 / class 5	
绝缘阻抗 / insulation resistance:	min. 20 MOhm x km	
温度范围 / temperature range:	固定安装 / fixed installation:	-30° C 至 /to +70° C
	移动应用 / flexible application:	-5° C 至 /to +70° C
弯曲半径 / bending radius:	移动应用时 电缆厚度 d /	
	flexible application for cable thickness d:	
	小于 / up to :	d= 8mm 5 x d
	小于 / up to :	d= 12mm 8 x d
	大于 / above :	d= 12mm 10 x d
符合标准 / approvals:	符合 / acc. to	DIN VDE 0283-2

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cold-flexible flat cable for cranes and conveyors



物料编码 part-no.	芯线数 / 导体截面积 no. of cores / cross-section	铜重 copper weight kg/km	尺寸 dimension d x b mm	电缆重量 weight kg/km
H05VVH6-F-118				
118 0007 004	4 G 0,75	29	4,2 x 12,6	90
118 0007 008	8 G 0,75	58	4,2 x 23,2	175
118 0007 012	12 G 0,75	86	4,2 x 33,8	260
118 0007 018	18 G 0,75	130	4,2 x 50,2	380
118 0007 024	24 G 0,75	173	4,2 x 65,6	490
H07VVH6-F-118				
118 0015 004	4 G 1,5	58	5,1 x 14,8	167
118 0015 005	5 G 1,5	72	5,1 x 17,7	187
118 0015 007	7 G 1,5	101	5,1 x 25,2	217
118 0015 008	8 G 1,5	115	5,1 x 27,2	267
118 0015 010	10 G 1,5	144	5,1 x 34,0	312
118 0015 012	12 G 1,5	173	5,1 x 40,5	393
118 0015 018	18 G 1,5	259	5,1 x 61,4	665
118 0015 024	24 G 1,5	346	5,1 x 83,0	786
118 0025 004	4 G 2,5	96	5,8 x 18,0	202
118 0025 005	5 G 2,5	120	5,8 x 21,5	260
118 0025 007	7 G 2,5	168	5,8 x 31,7	345
118 0025 008	8 G 2,5	192	5,8 x 33,7	389
118 0025 010	10 G 2,5	240	5,8 x 42,6	490
118 0025 012	12 G 2,5	288	5,8 x 49,5	580
118 0025 024	24 G 2,5	605	5,8x102,0	1.160
118 0040 004	4 G 4	154	7,0 x 21,1	311
118 0040 005	5 G 4	192	7,0 x 26,0	397
118 0040 007	7 G 4	269	7,0 x 35,5	539
118 0060 004	4 G 6	230	8,0 x 22,4	432
118 0060 005	5 G 6	288	8,0 x 31,4	550
118 0060 007	7 G 6	403	8,0 x 42,8	755
118 0100 004	4 G 10	384	9,6 x 28,7	712
118 0100 005	5 G 10	480	9,6 x 37,5	1.120
118 0160 004	4 G 16	614	11,0 x 34,8	961
118 0160 005	5 G 16	768	11,0 x 43,5	1.280
118 0250 004	4 G 25	960	13,3 x 42,5	1.484
118 0350 004	4 G 35	1.344	14,5 x 49,6	1.988
118 0500 004	4 G 50	1.920	17,5 x 58,4	2.880
118 0700 004	4 G 70	2.688	20,0 x 63,0	3.847

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