



### ANVENDELSE

Power and control cable for trolley systems, transfer lines, machine-tools, especially on hoisting devices, lifts, cranes and container bridges. Also in applications where cables are bent strongly in permanent moving operation in one level. Suitable for dry, humid and wet rooms.

### SPECIEL FUNKTION

- Significant smaller bending radius compared to round cables
- Free from lacquer damaging substances and silicone (during production)

### REMARKS

- Conform to RoHS and 2014/35/EU-Guideline ("Low Voltage Directive") CE
- Special versions: other dimensions, core and jacket colours

### TEKNISKE DATA

Conductor material	Bare copper strand
Conductor class	Acc. to DIN VDE 0295 class 5 resp. IEC 60228 cl. 5
Core insulation	PVC
Core identification	Acc. to DIN 0293-308 up to 5 wires coloured, from 6 wires black with white numerals resp. white with black numerals, with or without GNYE
Stranding	Cores resp. bundles parallel side by side
Outer Sheath	PVC
Sheath colour	Black, RAL 9005
Printing	Yes
Rated Voltage	U <sub>o</sub> /U 300/500 V
Testing voltage	2,5 kV
Current carrying capacity	Acc. to DIN VDE, see Technical Guidelines
Min bending radius fixed or moved	According to DIN VDE 2098 part 3
Suspension height	max 45 m
Operating temperature fixed min/max	-15 °C / +60 °C
Operating temperature moved min/max	-5 °C / +60 °C
Temperature at conductor	+70 °C
Burning behaviour	Self-extinguishing and flame retardant acc. to IEC 60332-1
Standard	Similar to DIN EN 50214



**INDUSTRIKOMPONENTER A/S**  
En anerkendt partner i Mobil Energi

## KABLER

### H05VVH6-F, (H)05VVH6-F

Varenummer	Dimensioner (n x mm <sup>2</sup> )	Yder Ø mm (min-maks)	Cu Index kg/km	Vægt (kg/km)
(H)05VVH6-F	4 x 1	4,4 x 13,3 - 4,8 x 14,1	39	115
	8 x 1	4,4 x 23,9 - 4,8 x 25,6	77	220
H05VVH6-F	12 G 0,75	3,9 x 31,8 - 4,6 x 32,8	87	260
	18 G 0,75	3,9 x 46,8 - 4,6 x 48,5	130	400
	20 G 0,75	3,9 x 51,8 - 4,6 x 53,0	144	430
	24 G 0,75	3,9 x 61,6 - 4,6 x 63,2	173	510
	5 G 1	4,4 x 16,0 - 4,8 x 16,6	48	135
	8 G 1	4,4 x 23,9 - 4,8 x 25,6	77	220
	12 G 1	4,4 x 34,4 - 4,8 x 35,2	116	310
	18 G 1	4,4 x 52,2 - 4,8 x 53,4	173	470
	24 G 1	4,4 x 66,5 - 4,8 x 68,1	231	600
	(H)05VVH6-F	3 x (4 G 1)	7,9 x 18,7 - 8,4 x 19,4	116
4 x (4 G 1)		7,9 x 24,0 - 8,4 x 25,3	154	400

For mere specifikke oplysninger om disse produkter, og  
hvordan de kan dække dine behov, ring venligst

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