



## ■ H07VVH6-F

### PVC insulated flat cables with flexible copper conductor

#### F: Fine Stranded Conductors

Standards: EN 50214, IEC 60227-6

#### Technical Data

Max. operating temperature : 70 °C  
 Max. short circuit temperature : 160 °C (max. 5 sec.)  
 Rated voltage : 450/750 V

#### Application

For use in passenger and goods lifts and special applications like hoists and travelling cranes.

#### Construction

- ① Fine stranded copper conductors    ③ PVC outer jacket
- ② PVC insulation

DIMENSION AND WEIGHTS			ELECTRICAL PROPERTIES		
Nominal Cross Section	Outer Dimensions (approx)	Net Weight (approx)	Delivery Length	DC Conductor Resistance at 20 °C Max	Current Carrying Capacity
mm <sup>2</sup>	mm (H x W)	kg/km	m	ohm/km	A
3x1.5	4.9x11.7	120	1000	13.3	20
3x2.5	5.6x14.4	170	1000	7.98	27
3x4	6.6x16.2	240	1000	4.95	34
3x6	7.1x17.7	300	1000	3.30	44
3x10	9.1x22.5	500	1000	1.91	61
3x16	10.3x25.9	720	1000	1.21	82
3x25	12.3x31.3	1070	1000	0.78	108
4x1.5	4.9x14.6	150	1000	13.3	20
4x2.5	5.6x18.0	220	1000	7.98	27
4x4	6.6x20.4	300	1000	4.95	34
4x6	7.1x22.4	390	1000	3.30	44
4x10	9.1x28.8	640	1000	1.91	61
4x16	10.3x33.2	940	1000	1.21	82
4x25	12.3x40.4	1400	1000	0.78	108
5x1.5	4.9x17.5	155	1000	13.3	14
5x2.5	5.60x18.0	230	1000	7.98	20
5x4	6.6x24.6	375	1000	4.95	26
5x6	7.50x29.1	520	1000	3.30	33
5x10	9.10x35.1	790	1000	1.91	46
5x16	10.30x40.5	1155	1000	1.21	62
5x25	12.3x49.5	1720	1000	0.78	81

■ Die obigen Werte entsprechen den Angaben des Herstellers und können nicht garantiert werden.    ■ The above values correspond to the manufacturer's specifications and are not guaranteed.  
 ■ Wir behalten uns das Recht vor, Änderungen ohne vorherige Ankündigung vorzunehmen.    ■ We reserve the right to change details without notice.  
 ■ Alle anderen Größen oder andere Ausführungen auf Anfrage    ■ Any other sizes or any other designs available on request.

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