

H07VVH6-F



Application

PVC type of flat cables are used mainly as trailing cable for crane installations, floor conveyer systems and shelf control units. Suitable for dry, humid and wet rooms and for outdoor use.

The materials used are free from silicon and cadmium and free from varnish damaging substances.

Standards

to DIN EN 50214 VDE 0283-2:2007-10,
EN 60332-1-2, IEC 60332-1

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor fine-stranded bare copper acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5

Core Insulation special polyvinylchlorid compound (PVC)

Core Color acc. to DIN VDE 0293 respectively HD 308 S2, 7 cores black with continuous white numbers printed

Outer Insulation Material special PVC

Constant Against ozone and UV radiation

Technical Data

Nominal Voltage	U ₀ /U: 450 /750 V
Nominal Volatage DC	U ₀ /U: 0 /0
Test Voltage	2500 V
Bending Radius moved (xD)	5
Bending Radius fixed (xD)	0
Operating Temperature solid	-40 °C bis 80 °C
Operating Temperature moving	-5 °C bis 70 °C
Short Circuit Temperature	150 °C
Short Circuit Duration	5 sek.

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Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
00607054	3 G 16	black - black	770.0	
00607010	4 G 1,5	black - black	150.0	10.0
00607016	4 G 2,5	black - black	215.0	12.0
00607021	4 G 4	black - black	320.0	14.0
00607024	4 G 6	black - black	430.0	16.0
00607026	4 G 10	black - black	690.0	20.0
00607027	4 G 16	black - black	970.0	22.0
00607029	4 G 25	black - black	1,405.0	26.0
00607030	4 G 35	black - black	2,035.0	30.0
00607031	4 G 50	black - black	3,000.0	38.0
00607042	4 G 70	black - black	4,100.0	44.0
00607043	4 G 95	black - black	4,550.0	
00607011	5 G 1,5	black - black	180.0	12.0
00607017	5 G 2,5	black - black	260.0	14.0
00607022	5 G 4	black - black	390.0	14.0
00607032	5 G 6	black - black	530.0	16.0
00607044	5 G 10	black - black	810.0	20.0
00607028	5 G 16	black - black	1,170.0	23.0
00607012	7 G 1,5	black - black	265.0	12.0
00607018	7 G 2,5		385.0	19.0
00607023	7 G 4	black - black	550.0	
00607025	7 G 6	black - black	750.0	
00607013	8 G 1,5	black - black	295.0	14.0
00607019	8 G 2,5	black - black	430.0	20.0

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00607014	10 G 1,5	black - black	355.0	16.0
00607015	12 G 1,5	black - black	415.0	18.0
00607020	12 G 2,5	black - black	610.0	25.0
00607080	14 G 1,5	black - black	480.0	25.0
00607050	16 G 1,5	black - black	555.0	35.0
00607036	18 G 1,5	black - black	710.0	40.0
00607041	24 G 1,5	black - black	790.0	45.0
00607048	24 G 2,5	black - black	950.0	