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H07V-K (Yf) PVC Insulated Single Core Wire

Application:

For indoor fixed installations in dry locations, in electrical equipment, switchboards and distributors. Should be installed in surface mounted or embedded conduits, for protected fixed installations in or on lighting fittings. Suitable for installations in machines for nominal voltages up to 1.000 V alternating current or up to 750 V to earth direct current. Cannot be used for installations under the wall surface.



Construction: 1 fine-stranded bare copper
2 PVC insulation

Standards: DIN VDE 0281-3
DIN EN 60228 Class 5 (construction)

Technical data:

Nominal voltage U ₀ /U		[V]	450 / 750 Volt
Test voltage		[V] _{AC}	2500
Temperature range	in motion		+5°C till +70°C
Operating temperature	short circuit	°C	160
Short circuit time	max.	[sec]	5
Bending radius	min.	x diameter	4,0
Flammability	standard		EN 60332-1-2

Nominal cross section mm ²	Colours	Price EUR / km	Copper figure kg/km	Cond. construction (appr.value) mm	Overall diameter appr. mm	Weight appr. kg / km
einfärbig und gelb-grün						
1,5	bk/bl/br	211,83	15	30 x 0,26	3,1	21
	yg/dbl/gy/vi/wt	237,29	15	30 x 0,26	3,1	21
	or/gn/ye/rd/pk/nat	237,29	15	30 x 0,26	3,1	21
2,5	bk/bl/br	333,80	25	50 x 0,26	3,7	32
	yg/dbl/gr/vi	354,93	25	50 x 0,26	3,7	32
	wt/or/gn/ye/rd/pk	354,93	25	50 x 0,26	3,7	32
4	bk/bl/br	510,92	40	56 x 0,31	4,3	47
	yg/dbl/gr/vi	531,88	40	56 x 0,31	4,3	47
	wt/gn/rd/ye	531,88	40	56 x 0,31	4,3	47
6	bk/bl/br	704,52	60	84 x 0,31	4,9	67
	yg/lbl/gr/dbl	724,73	60	84 x 0,31	4,9	67
	vi/wt/gn/ye/rd	724,73	60	84 x 0,31	4,9	67
10	bk/bl/br	1.335,02	100	80 x 0,41	6,2	115
	yg/bl/gr/vi/or/rd/wt	1.403,91	100	80 x 0,41	6,2	115
16	bk/bl/br	1.969,09	160	128 x 0,41	7,4	175
	yg/bl/gr/rd/gn	2.010,05	160	128 x 0,41	7,4	175
25	bk	2.255,85	250	200 x 0,41	9,3	280
	bl/br/yp/rd/wt	2.481,44	250	200 x 0,41	9,3	280
35	bk	3.028,51	350	280 x 0,41	10,7	375
	bl/br/yp/rd	3.331,36	350	280 x 0,41	10,7	375
50	bk	4.588,90	500	400 x 0,41	12,7	550
	bl/yp/rd	5.047,80	500	400 x 0,41	12,7	550

Nominal cross section mm ²	Colours	Price	Copper figure	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg / km
		EUR / km	kg/km			
70	bk	6.674,09	700	356 x 0,51	14,8	760
	bl/yg	7.341,50	700	356 x 0,51	14,8	760
95	bk	8.942,44	950	485 x 0,51	16,7	1.020
	bl/yg/rd	9.836,68	950	485 x 0,51	16,7	1.020
120	bk	10.811,86	1.200	614 x 0,51	18,4	1.270
	yg	11.893,05	1.200	614 x 0,51	18,4	1.270
150	bk	13.831,99	1.500	765 x 0,51	20,5	1.600
	yg	15.215,18	1.500	765 x 0,51	20,5	1.600
185	bk	16.971,70	1.850	944 x 0,51	22,8	1.960
	yg	18.668,87	1.850	944 x 0,51	22,8	1.960
240	bk	21.733,73	2.400	1225 x 0,51	25,9	2.550
	yg	23.907,10	2.400	1225 x 0,51	25,9	2.550
two coloured constuction						
1,5	bl/ye/blbk/blwt	317,75	15	30 x 0,26	3,1	21
	gygn/rdbk/rdgn	317,75	15	30 x 0,26	3,1	21
	rdwt/bkwt	317,75	15	30 x 0,26	3,1	21
2,5	blwt/rdwt	500,70	25	50 x 0,26	3,7	32
4	blwt/rdwt	766,38	40	56 x 0,31	4,3	47