

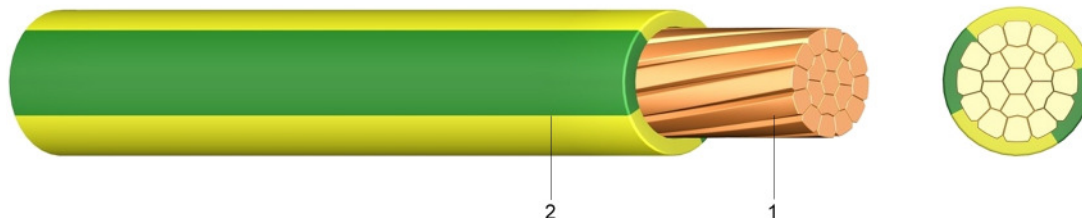
Datasheet

Version 1/2009

H07V-R (Ym) PVC Insulated Single Core Wire

Application:

For indoor fixed installations in dry locations, in switchboards and distributors. It should be installed in surface mounted or embedded conduits, or directly on suitably insulated objects.



Construction:

- 1 stranded bare copper, compacted
- 2 PVC insulation

According to:

DIN VDE 0281-3
DIN EN 60228 Class 2 (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
Flammability	standard		EN 60332-1-2

Nominal cross section mm ²	Colours	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg / km
6	bk/bl	60	7 X 1,05	5,0	66
	gy	60	7 X 1,05	5,0	66
10	bk/bl/br	100	7 X 1,35	6,0	110
	gy	100	7 X 1,35	6,0	110
16	bk/bl	160	7 X 1,70	7,0	170
	br/gy	160	7 X 1,70	7,0	170
25	bk	250	7 X 2,13	9,0	270
	bl/br/gy	250	7 X 2,13	9,0	270
35	bk	350	7 X 2,52	10,0	360
	bl/br/gy	350	7 X 2,52	10,0	360
50	bk	500	19 X 1,83	11,0	530
	bl/gy	500	19 X 1,83	11,0	530
70	bk	700	19 X 2,17	14,0	740
	bl/gy	700	19 X 2,17	14,0	740
95	bk	950	19 X 2,52	15,0	1.000
	gy	950	19 X 2,52	15,0	1.000
120	bk	1.200	37 X 2,03	18,0	1.250
	gy	1.200	37 X 2,03	18,0	1.250
150	bk	1.500	37 X 2,27	19,0	1.580
	gy	1.500	37 X 2,27	19,0	1.580
185	bk	1.850	37 X 2,52	21,0	1.930
	gy	1.850	37 X 2,52	21,0	1.930
240	bk	2.400	61 X 2,24	23,0	2.500
	gy	2.400	61 X 2,24	23,0	2.500
300	bk	3.000	61 X 2,50	29,6	3.130