

Datasheet

Version 1/2009

H05V-K (Ysf) PVC Insulated Single Core Wire

Application:

For protected fixed installations inside appliances and in or on lighting fittings.
Further for installations in pipes on and under plaster, however, only for signal circuit and control circuit.



Construction:

- 1 fine stranded bare cooper
- 2 PVC insulation

Information:

two coloured construction on enquiry

According to:

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

Technical data:

Nominal voltage U ₀ /U		[V]	300 / 500 Volt
Test voltage		[V] _{AC}	2000
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
0,50	bk/bl/br	5,0	16 x 0,21	2,2	10
	gy/dbl/gr/lgr/vi/wt	5,0	16 x 0,21	2,2	10
	or/gn/ye/rd/pk/nat	5,0	16 x 0,21	2,2	10
	blwt/rdwt/rdye	5,0	16 x 0,21	2,2	10
	bkye/bkwt	5,0	16 x 0,21	2,2	10
0,75	bk/bl/br/sbl	7,5	24 x 0,21	2,4	12
	gy/dbl/lbl/gr	7,5	24 x 0,21	2,4	12
	vi/wt/or/gn/rd	7,5	24 x 0,21	2,4	12
	blrd/blwt/wtbr	7,5	24 x 0,21	2,4	12
	dblwt/rdwt/gnwt	7,5	24 x 0,21	2,4	12
	gnbk/rdbk	7,5	24 x 0,21	2,4	12
1	bk/bl/br	10,0	32 x 0,21	2,6	14
	gy/dbl/lbl/gr/vi	10,0	32 x 0,21	2,6	14
	wt/or/gn/ye/rd	10,0	32 x 0,21	2,6	14
	blwt/rdwt/brwt	10,0	32 x 0,21	2,6	14
	bkwt/yebk/vibk	10,0	32 x 0,21	2,6	14
	blbk/brbk/viwt	10,0	32 x 0,21	2,6	14