

Datasheet

Version 1/2009

H07V-U (Ye) 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 solid bare copper
- 2 PVC insulation

According to:

DIN VDE 0281-3
DIN EN 60228 Class 1 (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
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
1,5	bk/bl/br	15	1 x 1,38	3,2	20
	gy/dbl	15	1 x 1,38	3,2	20
	gr/vi/wt	15	1 x 1,38	3,2	20
	or/gn/ye/rd	15	1 x 1,38	3,2	20
2,5	bk/bl/br	25	1 x 1,78	3,9	31
	gy	25	1 x 1,78	3,9	31
	gr/vi/wt/or/gn/rd	25	1 x 1,78	3,9	31
4	bk/bl	40	1 x 2,25	4,4	46
	br/gy/vi/gn/ye/rd	40	1 x 2,25	4,4	46
6	bk/bl/br	60	1 x 2,76	5,0	65
	gy/vi/rd	60	1 x 2,76	5,0	65
10	bk/bl	100	1 x 3,56	6,4	109
	br/gy	100	1 x 3,56	6,4	109