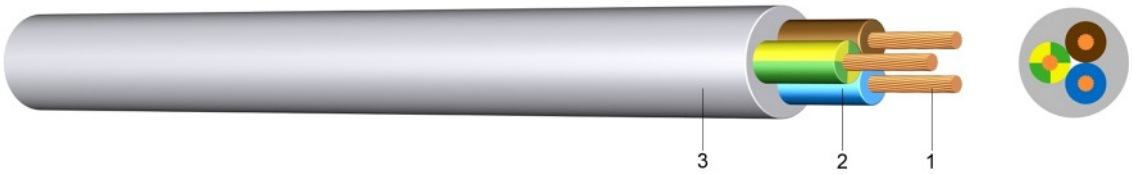
MEINHART

Datasheet Version 1/2009

H05VV-F(YMM) PVC Sheathed Wire
A05VV-F

Application: Suitable in dry and humid locations for connections of electrical appliances submitted to medium level mechanical strength, like washing machines, refrigerators, etc. Suitable for heating appliances provided that there is no risk of contact with hot parts.



Construction:
1 ..... fine-stranded bare copper
2 ..... polyvinylchloride (PVC) insulation
3 ..... polyvinylchloride (PVC) outer sheath

According to:
DIN VDE 0281-5
HD 21.5 S3+A1+A2
DIN EN 60228 class 5 (construction)
HD 308 S2 (core identification)
ÖVE / ÖNORM E 8241 (HD21)

Technical data:

Nominal voltage Uo/U		[V]	300 / 500 Volt
Test voltage		$[V]_{AC}$	2000
Temperature range	in motion		-5°C till +70°C
Operating temperature	short circuit	°C	150
Short circuit time	max.	[sec]	5
Bending radius	min.	x diameter	5
Flammability	standard		EN 60332-1-2

Number of cores and nominal cross section mm²	Colours	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg / km
2 X 1	**lgr**	20,0	30 x 0,21	7,5	67
	bk/wt	20,0	30 x 0,21	7,5	67
2 X 1,5	**lgr**	30,0	30 x 0,26	8,6	89
	bk/wt	30,0	30 x 0,26	8,6	89
2 X 2,5	**lgr**	50,0	50 x 0,26	10,6	134
	bk	50,0	50 x 0,26	10,6	134
3 G 0,75	**lgr**	22,5	24 x 0,21	7,6	64
	wt	22,5	24 x 0,21	7,6	64
3 G 1	**lgr**	30,0	30 x 0,21	8,0	80
	wt/bk/br	30,0	30 x 0,21	8,0	80
3 G 1,5	**lgr**	45,0	30 x 0,26	9,4	120
	bk/wt/br/or	45,0	30 x 0,26	9,4	120
3 G 2,5	**lgr**	75,0	50 x 0,26	11,4	175
	bl/ws	75,0	50 x 0,26	11,4	175
4 G 1	**lgr**	40,0	30 x 0,21	9,0	94
	bk/wt	40,0	30 x 0,21	9,0	94

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UID-NR.: ATU63684739, FN: 299994v LANDESGERICHT STEYR

The above values correspond to the manufacturer´s specifications and are not guaranteed..

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Number of cores and nominal cross section mm²	Colours	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg / km
4 G 1,5	**lgr**	60,0	30 x 0,26	10,5	130
	bk/**wt**	60,0	30 x 0,26	10,5	130
4 G 2,5	**lgr**	100,0	50 x 0,26	12,5	200
	bk/**wt**	100,0	50 x 0,26	12,5	200
4 G 4	**lgr**	160,0	56 x 0,31	14,3	280
5 G 0,75	**lgr**	37,5	24 x 0,21	9,3	100
	bk/**wt**	37,5	24 x 0,21	9,3	100
5 G 1	**lgr**	50,0	30 x 0,21	9,8	120
	wt/**bk**	50,0	30 x 0,21	9,8	120
5 G 1,5	**lgr**	75,0	30 x 0,26	11,6	170
	bk/**wt**/or	75,0	30 x 0,26	11,6	170
5 G 2,5	**lgr**	125,0	50 x 0,26	13,9	250
	bk/**wt**/or	125,0	50 x 0,26	13,9	250
5 G 4	**lgr**	200,0	56 x 0,31	16,1	350
	wt	200,0	56 x 0,31	16,1	350
A05VV-F					
5 G 6	**lgr**	300,0	84 x 0,31	16,5	480
	wt	300,0	84 x 0,31	16,5	480
7 G 1	**lgr**	70,0	30 x 0,21	9,0	150
7 G 1,5	**lgr**	105,0	30 x 0,26	10,4	196
	bk	105,0	30 x 0,26	10,4	196
7 G 2,5	**lgr**	175,0	50 x 0,26	13,1	315
10 G 1,5	**lgr**	150,0	30 x 0,26	14,0	305

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