



H03VV-F / H05VV-F

Construction

- Cable: Flexible PVC/PVC cable (round)
Power cable with PVC jacket according to VDE 0281 part
and IEC 60227-5, HD 21.5 S3
- Wires: Bare copper wires
Fine copper stranding according to VDE 0295 min. cl. 5,
IEC 60228 at least class 5 and HDD 383
- Conductors: PVC conductor insulation
Conductors in layers with optimal lay-up length
PVC-compound TI2 according to DIN VDE0281 part 1
- Core identification: Coloured cores
Core identification according to DIN VDE 0293 with a gn/ye
grounding in the outer layer core from 3 conductors and up
- Outer sheath: PVC jacket
Outer sheath fully extruded, sheath material TM2 according to
VDE 0207 part 1
- CE: According to regulation EG 1907/2006 (REACH) and
EG directive 2002/95/EG (ROHS) as well as
EG low voltage directive 2011/65/EG

Technical Data

- Flammability: PVC self-extinguishing and flame retardant according to
DIN VDE 0482-332-1-2, DIN EN 60332-1-2
- Nominal voltage U₀/U: 300 V / 500 V
- Test voltage: 2.000 V
- Temperature range: -5°C up to +70°C

Dimensions n x mm ²	Cable Ø ca. mm	Coil Ø ca. mm	Extension ratio L0:L	Coiled length (max.) L0 ca. mm	Colours
H03VV-F (300 V)	.	.	.	.	.
2 x 0,75	5,8	20,6	1 : 2,5	5000	bk, wh
3 G 0,75	6,2	22,4	1 : 2,5	5000	bk, wh
H05VV-F (500 V)	.	.	.	.	.
2 x 0,75	6,2	23,6	1 : 3,5	5000	bk, og, gy
2 x 1,0	6,6	25,2	1 : 3,5	5000	bk, og, gy
2 x 1,5	7,8	31,8	1 : 3,5	5000	bk, wh
3 G 0,75	6,6	26,0	1 : 3,5	5000	bk, wh, gy
3 G 1,0	7,0	27,2	1 : 3,5	5000	bk, wh

Dimensions n x mm²	Cable Ø ca. mm	Coil Ø ca. mm	Extensionratio L0:L	Coiled length (max.) L0 ca.mm	Colours
3 G 1,5	8,4	32,6	1 : 3,5	5000	bk, wh, gy
3 G 2,5	10,2	38,8	1 : 3,5	5000	bk, wh, gy
4 G 0,75	7,4	29,2	1 : 3,5	5000	bk, wh
4 G 1,0	8,1	29,4	1 : 3,5	5000	bk, wh
4 G 1,5	9,3	37,4	1 : 3,5	5000	bk, wh
4 G 2,5	11,0	43,2	1 : 3,5	5000	bk, wh
5 G 0,75	8,3	30,8	1 : 3,5	5000	bk, wh
5 G 1,0	8,6	34,0	1 : 3,5	5000	bk, wh
5 G 1,5	10,5	39,2	1 : 3,5	5000	bk, wh
5 G 2,5	12,5	49,0	1 : 3,5	5000	bk, wh

- Further formats available on request
- All data and products subject to change