



H05BQ-F / H07BQ-F coiled cable

Construction

- Cable: Rubber/PUR power cable
Highly flexible power cable with PUR jacket according to DIN VDE 0282 part 10 and HD 22.10 S1
- Wires: Bare or tinned copper stranding
Extra fine copper stranding according to VDE 0295 min. cl. 6, IEC 60228 at least class 6 and HDD 383
- Conductors: EPR or EPDM conductor insulation
Conductors in layers with very short lay-up length
Rubber compound EL 6 according to DIN VDE0282 part 1
- Core identification: Coloured cores
Identification according to DIN VDE 0293 with gn/ye grounding conductor in the outer layer from 3 cores and up
- Outer sheath: PUR jacket
Outer sheath fully extruded (without filler in jacket), sheathing material TMPU according to DIN EN 50363-10-2
- 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

- Nominal voltage: H05 300 V / 500 V
H07 450 V / 700 V
- Test voltage: H05 2.000 V (up till 1,0 mm²)
H07 2.500 V (from 1,5 mm²)
- Temperature range: -25°C up to +70°C

* not included in VDE / according to VDE (H) 07BQ-F

Dimensions n x mm ²	Cable Ø ca. mm	Coil Ø ca. mm	Extension ratio L0:L	Coiled length (max.) L0 ca. mm	Colours
2 x 0,75	6,8	23,6	1 : 4	5000	bk, og bu
2 x 1,0	7,1	25,2	1 : 4	5000	bk, wh, og, ye
2 x 1,5	8,9	31,8	1 : 4	5000	bk, wh, og
2 x 2,5	10,1	37,2	1 : 4	5000	ye
3 G 0,75	7,5	26,0	1 : 4	5000	bk, wh, og
3 G 1,0	7,6	27,2	1 : 4	5000	bk, wh, og
3 G 1,5	9,3	32,6	1 : 4	5000	bk, wh, og, bu, ye

Dimensions n x mm²	Cable Ø ca. mm	Coil Ø ca. mm	Extensionratio L0:L	Coiled length (max.) L0 ca.mm	Colours
3 G 2,5	10,9	38,8	1 : 4	5000	bk, wh, og, ye
4 G 0,75	8,1	29,2	1 : 4	5000	bk, og
4 G 1,0	8,2	29,4	1 : 4	5000	bk, og
4 G 1,5	10,2	37,4	1 : 4	5000	bk, og
4 G 2,5	12,1	43,2	1 : 4	5000	bk, og
4 G 4,0	14,2	53,4	1 : 4	5000	og
4 G 6,0	16,8	61,6	1 : 4	5000	og
5 G 0,75	8,9	30,8	1 : 4	5000	bk, wh, og
5 G 1,0	9,5	34,0	1 : 4	5000	bk, wh, og
5 G 1,5	11,1	39,2	1 : 4	5000	bk, wh, og
5 G 2,5	13,6	49,0	1 : 4	5000	bk, og
5 G 4,0	15,5	55,0	1 : 4	5000	og
5 G 6,0	17,0	72,0	1 : 4	5000	og
7 G 1,0*	11,4	39,8	1 : 4	5000	bk
7 G 1,5*	13,0	48,0	1 : 4	5000	bk, og
7 G 2,5*	15,7	56,4	1 : 4	5000	bk, og
12 G 1,5*	16,3	60,6	1 : 4	5000	bk, og

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