

H07BQ-F (NGMH11YÖ)

PUR Insulated wire

DESIGN



- 1 | Copper wire, fine wire, tinned or not tinned
- 2 | Core insulation (EPR-rubber)
- 3 | Inner covering (EPR-rubber)
- 4 | Sheath (PUR orange, oil and abrasion resistant)

APPLICATION

For use in dry, damp or wet rooms with medium mechanical stress. The cables are primarily used in industrial enterprises and construction sites under demanding operating conditions, especially with demanding operating conditions, especially abrasive and grinding stresses.

TECHNICAL DATA



Standard:
EN 50525-2-21



Rated voltage:
450/750 V (U₀/U)



Test voltage:
2.5 kV / 50 Hz



Temperature range:
 laying temperature: min. -40 °C
 fixed: -40 °C up to 75 °C
 moved: -25 °C up to 75 °C
 conductor temperature: max. 90 °C
 short circuit temperature: max. 200 °C/5 s



Bending radius (min.):
 3 x Ø of cable (fixed installed)
 5 x Ø of cable (free motion)



Core identification:
HD 308 S2



Fire properties:
CPR classification: E_{ca}

Number of cores x nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
H07BQ-F (NGMH11YÖ)				
2 x 1.5	13.7	8.5	95	500 Sp, 1000 Sp
3 G 1.5	13.7	9.0	108	500 Sp, 1000 Sp
4 G 1.5	13.7	10.0	120	500 Sp, 1000 Sp
5 G 1.5	13.7	10.8	177	500 Sp, 1000 Sp
7 G 1.5	13.7	14.0	291	500 D, 1000 D
12 G 1.5	13.7	18.0	446	500 D, 1000 D
3 G 2.5	8.21	10.6	137	500 Sp, 1000 Sp
4 G 2.5	8.21	11.8	177	500 D, 1000 D
5 G 2.5	8.21	13.0	260	500 D, 1000 D
7 G 2.5	8.21	16.5	431	500 D, 1000 D
12 G 2.5	8.21	21.0	641	500 D, 1000 D
4 G 4	5.09	13.6	256	500 D, 1000 D
5 G 4	5.09	15.0	372	500 D, 1000 D
4 G 6	3.39	15.3	346	500 D, 1000 D
5 G 6	3.39	16.1	491	500 D, 1000 D
5 G 10	1.95	22.2	852	500 D, 1000 D
5 G 16	1.24	25.3	1206	500 D, 1000 D
5 G 25	0.795	33.6	2096	500 D, 1000 D

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5 G 50	0.386	46.5	3290	500 D, 1000 D
5 G 70	0.272	53.0	5556	500 D, 1000 D
5 G 95	0.206	60.0	7274	500 D, 1000 D

Technical changes reserved. All figures are therefore without guarantee.

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