Electra cable H07BQ-F PUR Orange

Flexible PUR Control Cable H07BQ-F

Flexible PUR Control Cable

Cable to be used for medium mechanical loads in dry, damp or wet environments, e.g. for connecting agricultural and commercial equipment and heaters provided there is no danger of contact with the hot part or by radiation of heat. These robust and flexible cables are used for electrical tools such as drills and hand-held circular saws, as well as for lighting, motors and machinery in agriculture, at building sites, docks and refrigeration plants.
CE - The product is conformed with the EC Low-Voltage Directive 2006/95/EC. VDE, EAC, RoHS certified.
The cable is available from 2 x 1 mm²up to 4 x 240 mm². The 2 core cable is without green-yellow conductor.

Technical data:

Certified:
EPR/PUR-insulated power cable acc. to:
DIN VDE 0285-525-2-21
DIN EN 50525-2-21
Temperature range:
Flexing -40°C - +80°C
Fixed installation -50°C - +90°C
Permissible operating temperature
At conductor +90°C
Nominal Voltage
H07BQ-F Uo/U 450/750 V
Test voltage
H07BQ-F 2500 V
Minimum bending radius
Flexing 5x cable Ø
Fixed installation 3x cable Ø

Cable structure:

Bare copper-conductor, to DIN VDE 0295 cl.5, fine wire, BS 6360 cl.5, IEC 60228 cl.5

Core insulation of rubber compound type E16 to DIN VDE 007-363-1 / DIN EN 50363-1

Core identification to DIN VDE 0293-308 GN-YE conductor, 3-cores and above in the outer layer

Cores stranded in layers with optimal lay-length (Inner fill compound permissible*)

Outer sheat of PUR compound type TMPU to DIN EN 50363-10-2

Sheat colour orange (RAL 2003)

Properties:

Abrasion resistant
Notch resistant
Resistant to tearing and cutting

Resistant to:
Oil, fats, petrol, water, seawater, weathering effects Oxygene and Ozone, UV-radiation, Hydrolysis and microbial attack

The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Note:

G = with green-yellow conductor
x = without green-yellow conductor
Adapted to VDE
7G 1,5 mm², 12G 1,5 mm² and cross-section >16 mm² designation 07BQ-F
AWG sizes are approximate equivalent values.
The actual cross-section is in mm²

***) Version with filler compound**



Picture with filler



Picture without filler

Article Numbers:

Article No.	Article No. * Filled	No. cores x cross-sec mm²	Outer Ø min-max mm	Cop. weight kg/km	Weight approx. kg/km	AWG-No.	Sheat colour
9800012HEO	9800012FHEO	2 x 1,5	7,6 - 9,8	29,0	92,0	16	Orange
9800013HEO	9800013FHEO	3 G 1,5	8,0 - 10,4	43,0	109,0	16	Orange
9800014HEO	9800014FHEO	4 G 1,5	9,0 - 11,6	58,0	145,0	16	Orange
9800015HEO	9800015FHEO	5 G 1,5	9,8 - 12,7	72,0	169,0	16	Orange
9800016HEO	9800016FHEO	7 G 1,5	12,2 - 15,1	101,0	230,0	16	Orange
9800017HEO	9800017FHEO	12 G 1,5	15,0 - 18,4	173,0	398,0	16	Orange
9800018HEO	9800018FHEO	2 x 2,5	9,0 - 11,6	48,0	121,0	14	Orange
9800019HEO	9800019FHEO	3 G 2,5	9,6 - 12,4	72,0	174,0	14	Orange
9800020HEO	9800020FHEO	4 G 2,5	10,7 - 13,8	96,0	207,0	14	Orange
9800021HEO	9800021FHEO	5 G 2,5	11,9 - 16,3	120,0	262,0	14	Orange
9800022HEO	9800022FHEO	2 x 4	10,6 - 13,7	77,0	194,0	12	Orange
9800023HEO	9800023FHEO	3 G 4	11,3 - 14,5	115,0	224,0	12	Orange
9800024HEO	9800024FHEO	4 G 4	12,7 - 16,2	154,0	327,0	12	Orange
9800025HEO	9800025FHEO	5 G 4	14,1 - 17,9	192,0	415,0	12	Orange
9800026HEO	9800026FHEO	2 x 6	11,8 - 15,8	115,0	311,0	10	Orange
9800027HEO	9800027FHEO	3 G 6	12,8 - 16,3	173,0	310,0	10	Orange
9800028HEO	9800028FHEO	4 G 6	14,2 - 18,1	230,0	496,0	10	Orange
9800029HEO	9800029FHEO	5 G 6	15,7 - 20,0	288,0	385,0	10	Orange