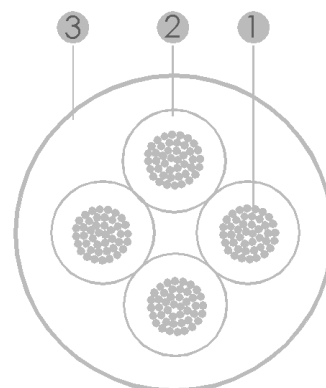
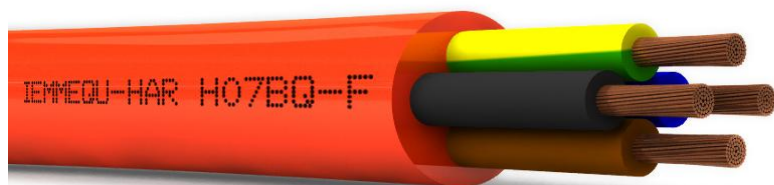


Cavi energia H07BQ-F esenti da alogeni *Halogen-free power cables H07BQ-F*



SCHEMATIC DRAWING



APPLICAZIONI *APPLICATIONS*

Idonei per installazioni in ambienti umidi o bagnati (AD6 e AD7), uso esterno e per collegamenti soggetti a sollecitazioni meccaniche medie come : apparecchiature in officine industriali e agricole, utensili elettrici (trapani, seghe circolari, motori o generatori trasportabili) in cantieri edili ed impianti agricoli. Particolarmente indicato dove il cavo è soggetto a forti abrasioni e sforzi di strappo.

Suitable for installation in wet or humid places (AD6 or AD7), outdoor uses and for interconnection where medium mechanical injuries could occur : equipments for industrial and agricultural workshops, power tools (drills, circular saws, portable motors and generators) in building-yard and agricultural installations, Particularly suitable where the cable is undergone to high abrasion and tear efforts.

COSTRUZIONE *CABLE STRUCTURE*

1. Conduttore flessibile in rame elettrolitico rosso
Electrolytic bare copper flexible conductor
2. Isolamento in gomma reticolata tipo EI6, privo di alogeni
Type EI6 halogen-free cross-linked insulation
3. Guaina in PUR termoplastico (TMPU), privo di alogeni
Thermoplastic halogen-free PUR jacket (TMPU)

Temperatura utilizzo
Temperature range



5 ÷ 90 °C
-40 ÷ 90 °C (fixed)

Tensione di esercizio
Voltage rating



450/750 V_{ac} (H07BQ-F)

Tensione di prova
Test voltage



2500 V_{ac} (H07BQ-F)

Temperatura di corto circuito
Short-circuit temperature



250 °C

Esente da alogeni
Halogen-free



EN 50525-1,
EN 50267-2-2,
EN 50267-2-1,
EN 60884-2

Resistenza agli oli
Oil resistance



EN 50363-10-2

Idoneo per uso esterno
Suitable for outdoor use



Idoneo per posa mobile
Suitable for mobile installation



Raggio di curvatura
Bending radius



≥ 8xD (fixed)
≥ 10xD (mobile)

Sezione Size conductor [mm ²]	Formazione conduttore Conductor stranding [N° x mm]	Resistenza elettrica Electrical resistance [Ω/Km]	Diametro su isolamento Diameter on insulation [mm]	Spessore di isolamento Radial thickness of insulation [mm]
1	32 x 0.193	≤ 19.5	2.9 ± 0.1	≥ 0.80
1.5	28 x 0.243	≤ 13.3	3.05 ± 0.1	≥ 0.80
2.5	48 x 0.243	≤ 7.98	3.8 ± 0.1	≥ 0.90
4	52 x 0.300	≤ 4.95	4.5 ± 0.1	≥ 1.0
6	80 x 0.300	≤ 3.30	5.25 ± 0.1	≥ 1.0

Sezione Size conductor [mm ²]	Diametro esterno Outer diameter [mm]	Spessore guaina Thickness of jacket [mm]
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Sezione Size conductor [mm ²]	Diametro esterno Outer diameter [mm]	Spessore guaina Thickness of jacket [mm]
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H07Q-F	2 x 1	7.6 ± 0.2	≥ 0.9
	3 x 1	8.1 ± 0.2	≥ 0.9
	4 x 1	9.0 ± 0.2	≥ 1.0
	5 x 1	10.1 ± 0.3	≥ 1.1
	2 x 1.5	8.1 ± 0.2	≥ 1.0
	3 x 1.5	8.6 ± 0.2	≥ 1.0
	4 x 1.5	9.6 ± 0.2	≥ 1.1
	5 x 1.5	10.5 ± 0.3	≥ 1.1
	2 x 2.5	9.8 ± 0.2	≥ 1.1
	3 x 2.5	10.4 ± 0.3	≥ 1.1
	4 x 2.5	11.6 ± 0.3	≥ 1.2
	5 x 2.5	12.9 ± 0.3	≥ 1.3

H07Q-F	2 x 4	11.4 ± 0.3	≥ 1.2
	3 x 4	12.2 ± 0.3	≥ 1.2
	4 x 4	13.5 ± 0.3	≥ 1.3
	5 x 4	15.0 ± 0.3	≥ 1.4
	2 x 6	13.1 ± 0.3	≥ 1.3
	3 x 6	14.2 ± 0.3	≥ 1.4
	4 x 6	15.7 ± 0.3	≥ 1.5
	5 x 6	17.4 ± 0.3	≥ 1.6