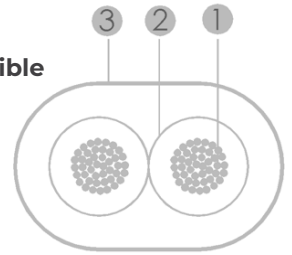


Power cable H05Z1Z1H2-F



1. Electrolytic bare copper flexible conductor
2. Halogen-free thermoplastic TI6 insulation
3. Halogen-free thermoplastic TM7 outer sheath



APPLICATIONS



Suitable for all applications where a cable with a very small amount of halogens and, moreover, and having low emission of smoke and corrosive gases when exposed to fire, is required. They are suitable also for applications that undergo to medium mechanical stress (such as wiring of washing-machines, spin dryers, fridges and refrigerators).

Technical Data			
Temperature range	- 20 ÷ 70 °C (@ fixed installation)	Flame resistance	IEC 60332-1-2, CPR class Eca
Short-circuit temperature	160 °C	Halogen-free	EN 50525-1, EN 50267-2-2,
Voltage rating	300/500 V AC		EN 50267-2-1, EN 60884-2
Test voltage	2500 V AC	Bending radius	≥ 12 x D (@ fixed installation)

Size conductor [mm ²]	Conductor stranding [N° x mm]	Electrical resistance [Ω / Km]	Diameter on insulation [mm]	Radial thickness of insulation [mm]
0.75	24 x 0.193	≤ 26.0	2.33 ± 0.1	≥ 0.60
1	32 x 0.193	≤ 19.5	2.47 ± 0.1	≥ 0.60

Size conductor [mm ²]	Outer diameter [mm]	Thickness of jacket [mm]
2 x 0.75	(4.05± 0.2) x (6.2 ± 0.2)	≥ 0.80
2 x 1	(4.3 ± 0.2) x (6.8 ± 0.2)	≥ 0.80

Standard reference

EN 50525-3-11, Low Voltage European Directive No. 2014/35/EU, EN 50575
IMQ-HAR license No. CA01.00252, DoP No. 0014

Stranding of conductor

Class 5 electrolytic bare copper flexible conductor conforming to IEC 60228 standard

Insulation

TI6 thermoplastic compound conforming to EN 50363-7. Hardness : (45 ± 1) Sh-D

Color of insulation

Blue, brown

Outer sheath

TM7 thermoplastic compound conforming to EN 50363-8. Hardness : (45 ± 1) Sh-D

Color of sheath

On customer's request

Marking

Embossed marking: SALCAVI SPA ITALY - IEMMEQU <HAR> LSOH - H05Z1Z1H2-F -
CPR CLASS Eca - YEAR