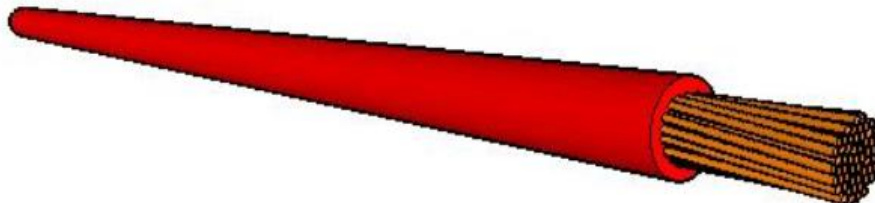


Datasheet



Colours may vary.
Image for illustration purpose only.

Type: **H05Z-K - H07Z-K**

Application

H05Z-K: for fixed laying in above-ground or built-in pipes only if used for signal or control circuits.

H07Z-K: for fixed laying in above-ground or built-in pipes or in similar closed systems.
Cable suitable for protected installation in lighting and control appliances for voltage up to 1000V in a.c. or up to 750 V in d.c. to earth.

Approval

RINA approval for H05Z-K & H07Z-K- Type approval certificate N° ELE234420CS

Marking

Cavi F.E.R.M.I. IMQ <HAR> H05Z-K or Cavi F.E.R.M.I. IMQ <HAR> H07Z-K

Standard References

CPR 305/2011/EU. Standard: EN 50575 Class: Eca
CEI EN 50525-3-41
CEI EN 61034-2
IEC 60092-360
IEC 60332-2-1
BT 93/68 CEE - 2014/35/EU
2011/65/CE (RoHS II) - 2015/863/EU (RoHS 3)
2006/1907/CE (Reach) - Reg. 2016/217





H05Z-K

Cross-section	Conductor	Insulation	Diam.	Temp. Rating	Current rating in air at 30 °C	Max elec. res. at 20 °C	Weight	Voltage rating
mm ²			±0,1 mm	°C	A	Ohm/Km	Kg/Km	V
1 x 0,50	Bare Copper/Class 5	HF XLPE LS0H - EI5	2,0	95	9	39,00	9	300/500
1 x 0,75	Bare Copper/Class 5	HF XLPE LS0H - EI5	2,3	95	13,5	26,00	12	300/500
1 x 1	Bare Copper/Class 5	HF XLPE LS0H - EI5	2,5	95	18	19,50	14	300/500

H07Z-K

Cross-section	Conductor	Insulation	Diam.	Temp. Rating	Current rating in air at 30 °C	Max elec. res. at 20 °C	Weight	Voltage rating
mm ²			±0,1 mm	°C	A	Ohm/Km	Kg/Km	V
1 x 1,5	Bare Copper/Class 5	HF XLPE LS0H - EI5	3,0	95	27	13,30	21	450/750
1 x 2,5	Bare Copper/Class 5	HF XLPE LS0H - EI5	3,6	95	37	7,98	32	450/750
1 x 4	Bare Copper/Class 5	HF XLPE LS0H - EI5	4,3	95	50	4,95	48	450/750
1 x 6	Bare Copper/Class 5	HF XLPE LS0H - EI5	4,8	95	64	3,30	68	450/750
1 x 10	Bare Copper/Class 5	HF XLPE LS0H - EI5	6,2	95	88	1,91	115	450/750
1 x 16	Bare Copper/Class 5	HF XLPE LS0H - EI5	7,6	95	119	1,21	180	450/750
1 x 25	Bare Copper/Class 5	HF XLPE LS0H - EI5	9,6	95	161	0,78	284	450/750
1 x 35	Bare Copper/Class 5	HF XLPE LS0H - EI5	10,6	95	200	0,55	385	450/750
1 x 50	Bare Copper/Class 5	HF XLPE LS0H - EI5	12,6	95	242	0,38	540	450/750
1 x 70	Bare Copper/Class 5	HF XLPE LS0H - EI5	14,3	95	310	0,27	743	450/750
1 x 95	Bare Copper/Class 5	HF XLPE LS0H - EI5	16,6	95	377	0,20	1.020	450/750
1 x 120	Bare Copper/Class 5	HF XLPE LS0H - EI5	18,0	95	437	0,16	1.330	450/750
1 x 150	Bare Copper/Class 5	HF XLPE LS0H - EI5	19,8	95	504	0,12	1.520	450/750
1 x 185	Bare Copper/Class 5	HF XLPE LS0H - EI5	22,0	95	575	0,10	2.000	450/750
1 x 240	Bare Copper/Class 5	HF XLPE LS0H - EI5	24,5	95	679	0,08	2.380	450/750

Max temp. of short circuit (max 5 sec): 250 °C on conductor

Electric Resistance a 20 °C (Ohm/Km): according IEC 60228

Fire Resistance: according IEC 60332-2-1

Gas: according CEI EN 50267-2-1/2 - CEI EN 60684-2

Smoke: according CEI EN 61034-2

The information contained in this document has been carefully checked for accuracy, however no guarantee is given with respect to the correctness. Cavi F.E.R.M.I. srl does not make any representations or warranties (implied or otherwise) regarding the accuracy and completeness of this document and shall in no event be liable for any loss of profit or any commercial damage, including but not limited to special, incidental, consequential, or other damage. Specifications and information contained in this document are subject to change at any time without notice.

Mod. K08.07 Rev. 0

Revisions

Rev.0 18/02/2024