

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) - 2006/1907/CE (Reach)



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	Tinned Copper/Class 5	HF XLPE LS0H - EI5	2,0	95	9	39,00	9	300/500
1 x 0,75	Tinned Copper/Class 5	HF XLPE LS0H - EI5	2,3	95	13,5	26,00	12	300/500
1 x 1	Tinned 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	Tinned Copper/Class 5	HF XLPE LS0H - EI5	3,0	95	27	13,30	21	450/750
1 x 2,5	Tinned Copper/Class 5	HF XLPE LS0H - EI5	3,6	95	37	7,98	32	450/750
1 x 4	Tinned Copper/Class 5	HF XLPE LS0H - EI5	4,3	95	50	4,95	48	450/750
1 x 6	Tinned Copper/Class 5	HF XLPE LS0H - EI5	4,8	95	64	3,30	68	450/750
1 x 10	Tinned Copper/Class 5	HF XLPE LS0H - EI5	6,2	95	88	1,91	115	450/750
1 x 16	Tinned Copper/Class 5	HF XLPE LS0H - EI5	7,6	95	119	1,21	180	450/750
1 x 25	Tinned Copper/Class 5	HF XLPE LS0H - EI5	9,6	95	161	0,78	284	450/750
1 x 35	Tinned Copper/Class 5	HF XLPE LS0H - EI5	10,6	95	200	0,55	385	450/750
1 x 50	Tinned Copper/Class 5	HF XLPE LS0H - EI5	12,6	95	242	0,38	540	450/750
1 x 70	Tinned Copper/Class 5	HF XLPE LS0H - EI5	14,3	95	310	0,27	743	450/750
1 x 95	Tinned Copper/Class 5	HF XLPE LS0H - EI5	16,6	95	377	0,20	1.020	450/750
1 x 120	Tinned Copper/Class 5	HF XLPE LS0H - EI5	18,0	95	437	0,16	1.330	450/750
1 x 150	Tinned Copper/Class 5	HF XLPE LS0H - EI5	19,8	95	504	0,12	1.520	450/750
1 x 185	Tinned Copper/Class 5	HF XLPE LS0H - EI5	22,0	95	575	0,10	2.000	450/750
1 x 240	Tinned 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

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