H05Z-K Harmonized halogen-free hook-up wire, 300/500 V

H07Z-K Harmonized halogen-free hook-up wire, 450/750 V

HAR CE RoHS

Construction:

Conductor:	class 5 annealed bare copper conductor acc. to EN 60228
Insulation:	special thermosetting low smoke zero halogen compound type EI5 acc. to EN 50363-5
Color code:	see color code chart below

Outstanding features:

- **flexing single conductor**
- **harmonized acc. to European standards**
- **halogen-free, low smoke and low corrosive gases**

Technical data:

Nominal voltage: *DIN/VDE:*	**H05Z-K** Uo/U 300/500 V	**H07Z-K** Uo/U 450/750 V
Testing voltage:	**H05V-K** 2500 V	**H07V-K** 2500 V
Min. bending radius: ≤ 8 mm ≤12 mm >12mm	 4 x O.D. 5 x O.D. 6 x O.D.	
Temperature range: *static:* *flexible:*	 -40/+90°C +5/+90°C	
Burning characteristics:	flame retardant and self-extinguishing acc. to EN 60332-1-2	
Corrosivity:	EN 50267-2.2/ VDE 0482-267-2-2 HD 22.1/ VDE 0282-1	
Smoke Density:	EN 61034-2	
Approvals: *H05Z-K:* *H07Z-K:*	 HAR/CE 16 AWG - 6 AWG: HAR/CE 4 AWG - 4/0 AWG: CE	
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30	

H05Z-K - HAR/CE

item no.	mm²	AWG		outer-ø inch	outer-ø mm	cable weight ≈lbs/mft
▶ 3186 .. 50	0.50	20	(≈ 16/32)	0.102	2.6	6
▶ 3186 .. 80	1.00	18	(≈ 30/32)	0.114	2.9	7

Other colors are available on request

H07Z-K - HAR/CE

item no.	mm²	AWG		outer-ø inch	outer-ø mm	cable weight ≈lbs/mft
▶ 3187 .. 82	1.50	16	(≈ 27/30)	0.138	3.5	13
▶ 3187 .. 84	2.50	14	(≈ 46/30)	0.169	4.3	21
▶ 3187 .. 86	4.00	12	(≈ 52/28)	0.193	4.9	30
▶ 3187 .. 87	6.00	10	(≈ 78/28)	0.217	5.5	44
▶ 3187 .. 88	10.00	8	(≈ 77/26)	0.280	7.1	74
▶ 3187 .. 89	16.00	6	(≈ 122/26)	0.331	8.4	114

Other colors are available on request

07Z-K - CE

item no.	mm²	AWG		outer-ø inch	outer-ø mm	cable weight ≈lbs/mft
▶ 3187 .. 90	25.00	4	(≈ 190/26)	0.417	10.6	195
▶ 3187 .. 91	35.00	2	(≈ 272/26)	0.476	12.1	255
▶ 3187 .. 92	50.00	1	(≈ 400/26)	0.567	14.4	355
▶ 3187 .. 93	70.00	2/0	(≈ 353/26)	0.654	16.6	503
▶ 3187 .. 94	95.00	3/0	(≈ 484/24)	0.740	18.8	671
▶ 3187 .. 95	120.00	4/0	(≈ 589/24)	0.768	19.5	846

Other colors are available on request

Color code for single conductors:

01 = black	08 = white
02 = blue	09 = orange
03 = brown	11 = red
04 = gray	17 = pink
05 = yellow[1]	27 = green/yellow
07=violet	

[1]Non <HAR> approved