

Datasheet

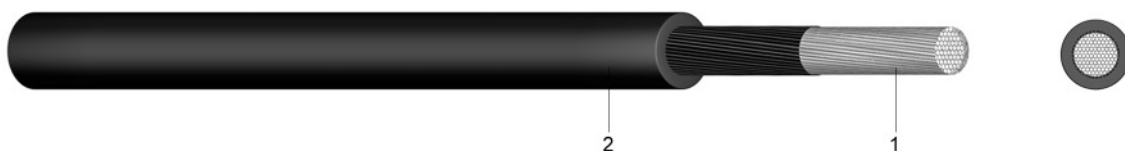
Version 1/2009

H07Z-K

Halogen-Free Single Core Wire

Application:

For the installation in the electric installation pipe on or under plaster or in similar closed systems especially for uses by their one low creation is demanded of smoke and corrosive gases in the fire case, however not outside.



Construction:

- 1 fine-stranded tinned or bare copper
- 2 core insulation of halogen-free, cross-linked polyolefin copolymerisate (EI5)

According to:

DIN VDE 0282-9
HD 22.9 S2+A1
DIN EN 60228 class 5 (construction)

Technical data:

Nominal voltage U ₀ /U		[V]	450 / 750 Volt
Test voltage		[V] _{AC}	2500
Temperature range	fixed		+5 °C till +90 °C
Operating temperature	short circuit	°C	250
Short circuit time	max.	[sec]	5
Bending radius	one time / fixed	x diameter	6
Flammability	standard		EN 60332-1 IEC 60332-1

Nominal cross section mm ²	Colours	Copper figure kg/km	Overall diameter appr. mm	Calorific potential kWh / m	Weight appr. kg / km
1,5	bk/bl/br	15	2,9	0,40	20
	yg/gr/wt/or/rd	15	2,9	0,40	20
2,5	bk/bl/bl/br	25	3,6	0,49	32
	yg/gr/rd	25	3,6	0,49	32
4	bk/bl/br	40	4,1	0,59	46
	yg/gr/rd	40	4,1	0,59	46
6	bk/bl/br	60	4,8	0,71	65
	yg/gr/rd	60	4,8	0,71	65
10	bk/bl	100	6,3	0,89	111
	yg	100	6,3	0,89	111
16	bk/bl/br	160	7,2	1,20	166
	yg	160	7,2	1,20	166
25	bk/bl/br	250	9,0	1,80	255
	yg	250	9,0	1,80	255
35	bk/bl	350	10,1	2,20	348
	yg	350	10,1	2,20	348
50	bk/bl	500	12,0	2,90	501
	yg	500	12,0	2,90	501
70	bk	700	13,6	3,70	685
	yg	700	13,6	3,70	685
95	bk	950	15,6	4,30	902
	yg	950	15,6	4,30	902