

Datasheet H05Z-K

Version 1/2009

Halogen-Free Single Core Wire

Application:

For fixed installations in devices and in or on lights, as well as for the house installation, 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 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]	300 / 500 Volt
Test voltage		[V] _{AC}	2000
Temperature range	in motion		+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
0,5	bk/bl/br	5,0	2,2	0,23	9
	yg	5,0	2,2	0,23	9
0,75	bk/dbl/bl/br	7,5	2,4	0,26	12
	yg/gr/or/rd	7,5	2,4	0,26	12
1	bk/bl/br	10,0	2,5	0,29	15
	yg/wh/or/rd	10,0	2,5	0,29	15