



Heat-resistant cables - H05SJ-K/A05SJ-K silicone single cores halogen-free



Technical attributes

Standards	adapted to DIN VDE 0250
Conductor material	Cu, bare
Conductor type	strands tinned
Conductor standard	DIN VDE 0295
Conductor category	5
Core insulation	Silicone
Outer sheath	Silicone
Outer sheath colour	various
Temperature range min., mobile operation	-60 °C
Temperature range max., mobile operation	+180 °C
Temperature range min., fixed installation	-60 °C
Temperature range max., fixed installation	+180 °C
Nominal voltage U ₀ /U	300/500 V
Test voltage	2000 V
Insulation resistance	2 mind. MΩ x km
Minimum bending radius mobile operation	ca. 15 x cable-Ø
RoHS-compliant	yes

Description

Applicable as a special high- and low-temperature-resistant cable, especially in iron, steel and rolling mills, foundries, as well as in aircraft and shipbuilding and cement, glass and ceramic factories. The cables are halogen free and are far more suitable for use in power plants.

Note

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Product table

product number	product name	Outer sheath colour	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]
00904001	H05SJ-K 0,25	various	8,00	2,40	2,40
00904002	H05SJ-K 0,50	various	13,00	4,80	2,60
00904003	H05SJ-K 0,75	various	16,00	7,20	2,90
00904004	H05SJ-K 1,0	various	18,00	9,60	3,00
00904005	H05SJ-K 1,5 wh	various	24,00	14,40	3,30
00904006	H05SJ-K 2,5 wh	various	36,00	24,00	3,90
00904007	H05SJ-K 4,0	various	53,00	38,00	4,70
00904008	H05SJ-K 6,0	various	77,00	58,00	5,70
00904009	H05SJ-K 10,0	various	129,00	96,00	7,50
00904010	H05SJ-K 16,0	various	198,00	154,00	8,90



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product number	product name	Outer sheath colour	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]
00904011	A05SJ-K 25,0	various	303,00	240,00	10,80
00904013	A05SJ-K 35,0	various	413,00	336,00	12,10
00904016	A05SJ-K 50,0	various	578,00	480,00	14,40

