



<b>DATA SHEET</b>	4710xxx
<b>HALOGENFREE SINGLES CORE H05Z-K</b>	valid from : 10.03.2004

## Application

The halogen-free cores H05Z-K are for fixed installation in installation ducts to open. As soon as internal wiring from appliances and resources. Cores H05Z-K are used in all areas, where in an event of fire a protection of persons and real values is very important. In an event of fire occur no toxic and corrosive gases as soon as a low smoke density.

<b>Design:</b>	HD 22.9 S1 that is VDE 0282 part 9
Conductor:	bare copper, fine wire strand in acc. to IEC 60 228 that is VDE 0295, class 5
Core insulation	Compound EI5 in acc. to HD 22.1 S3 that is VDE 0282 part 1

## Electrical properties at 20° C

Nominal voltage	300/500 V
Test voltage	2500 V AC

## Mechanical and thermal properties

Temp. range	fixed installation -40 up to +110°C max. conductor temperature
Flame retardant	in acc. to IEC 60 332.1 and IEC 60 332.3 that is VDE 0482 part 265 and c
Smoke density	in acc. to VDE 0472 part 816
Halogen free	in acc. to IEC 60 754-1
Corrosivity	max. value in acc. to IEC 60 754-1
Tests	in acc. to VDE 0472 and IEC 60 811-**-** that is VDE 0473
Approvals	HD 22.9 S1 that is VDE 0282 part 9
EC directive	This cable confirms to ECD 73/23/EEC (low voltage directive).

elaborated by: TE-K: M. Herb	Document: DB4710002_2EN	page 1 of 1
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