



DATA SHEET	4510xxx
SINGLE CORE H05 V-K	valid from : 12.01.2004

Application

The single core H05 V-K is a flexible wiring cable for fixed installation in installation channels which can be opened as well as for internal wiring of devices and working funds.

Design

Conductor	bare copper wire acc. to VDE 0295 class 5; HD 383 S2
Core insulation	PVC compound TI1 acc. to VDE 0207 Part 4 respectively HD 21
Core marking	acc. to VDE 0293, HD 21

Electrical properties at 20°

Nom. voltage U ₀ /U	300 / 500 V
Test voltage	2000 V

Mechanical and thermal properties

Min. bending radius	6 x cable diameter
Max. conductor temperature	+ 70 °C
Min. laying temperature	+ 5 °C
Flame retardant	in acc. to IEC 60 332.1 that is VDE 0482 part 265-2-1
Tests	acc. to VDE 0281 Part 1, HD 21.3 passage 4 and 5 as well as VDE 0472

This cable is in compliance with VDE 0281 Part 1, resp. Harmonisation Regulation HD 21.3 S2, passage 4 and 5.

The use of wiring cables is regulated by the VDE 0298 Part 300, resp. the Harmonisation Regulation HD 516 S1.

EC directive: This cable confirms to ECD 72/23/EEC (low voltage directive.)

elaborated by: TE-K: M. Herb	Document: DB4510001_2EN	page 1 of 1
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