



DATA SHEET	4510xxx
SINGLE CORE H05 V-K	valid from : 30.11.2006

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 HD 21.1 that is VDE 0281 Part 1
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
Temp. range	fixed installation -30 up to +80° C max. conductor temperature
Flame retardant	in acc. to IEC 60 332.1
Tests	acc. to VDE 0281 part 1, HD 21.3 passage 4 and 5 as well as VDE 0472

The single core H05V-K is in accordance to VDE 0281 part 3 CENELEC HD 21.3 S 2 sections 2 and 3 respectively and is authorised to carry the < HAR > designation and thus is acknowledged by all countries, which are members of the CENELEC committee.

EC directive This cable confirms to ECD 73/23/EEC (low voltage directive).

elaborated by: TE-K: M. Herb / O. Bautin	Document: DB4510001EN	page 1 of 1
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