

Description

Application

H05V-K cores are used for internal equipment wiring.

Installation

Open air, or in conduits, or trunking.

Marking

S.Y + USE <HAR>H05VK - N° plant



Standards

International HD 21.3; IEC 60227-6

National NF C 32-201/3

Contact

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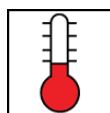
Lead free
Yes



Mechanical resistance to
impacts
Low



Cable flexibility
Flexible



Operating temperature,
range
-5 .. 60 °C



Weather resistance
Good



Flame retardant
C2, NF C 32-070

Characteristics

Construction characteristics

Lead free	Yes
Conductor flexibility	Flexible class 5
Insulation	PVC
Conductor material	Bare copper

Electrical characteristics

Rated Voltage U ₀ /U	300 / 500 V
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Mechanical characteristics

Mechanical resistance to impacts	Low
Cable flexibility	Flexible

Usage characteristics

Maximum core temperature still	70 °C
Short-circuit maximum core temperature	160 °C
Operating temperature, range	-5 .. 60 °C
Weather resistance	Good
Flame retardant	C2, NF C 32-070
Chemical resistance	Accidental
Water proof	Accidental

Variable characteristics

Cross section mm ²	Nom. outer diam. mm	Permissible current rating (3 conductors) A	Permissible current (one phase) A	Approx. weight kg/km
0.75	2.8	10.5	12.0	12
1	3.0	12.0	13.5	14