



Nexans Ref.: 10273927
EAN 13: 3427500031971

FIRE PERFORMANCE CLASS



Eca

CONTACT

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CBL

STANDARDS

Product EN 50525-2-31; UNE 21022; UNE 21031-3

APPLICATION

H05V-K conductors are used for fixed protected installations in, or on, lighting or controlgear...

Installation

Open air, in conduit, in cable trunking, in cable ducting. Thanks to the sliding properties of insulation, CBL® (H05V-K) is made to facilitate processing while pulling in.

Marking

SY+ USE < HAR > H05V-K 336



Conductor flexibility
Flexible class 5



Lead free
Yes



Rated Voltage U₀/U
 (Um)
300/500 V



Cable flexibility
Flexible



Mechanical
 resistance to
 impacts
Low



Chemical
 resistance
Accidental



Flame retardant
EN 50265-2-1



Operation bending
 rad.
16.8 mm

CHARACTERISTICS

Construction characteristics

Conductor flexibility	Flexible class 5
Conductor material	Bare copper
Insulation	PVC
Lead free	Yes
Sheath colour	Grey
Conductor shape	Circular

Dimensional characteristics

Conductor cross-section	1 mm ²
Nominal outer diameter	2.8 mm
Number of cores	1
Approximate weight	14 kg/km
Outer Diameter	3 mm

Electrical characteristics

Rated Voltage U ₀ /U (U _m)	300/500 V
Permissible current rating in open air	- A
Permissible current rating (3 conductors)	8.5 A
Max. DC resistance of the conductor at 20°C	- Ohm/km
Permissible current rating when buried	10 A

Mechanical characteristics

Cable flexibility	Flexible
Mechanical resistance to impacts	Low

Usage characteristics

Chemical resistance	Accidental
Flame retardant	EN 50265-2-1
Laying operation bending radius	16.8 mm
Length	200 m
Max. conductor temperature in service	70 °C
Minimum static operating bending radius	8.4 mm
Oil resistance	Yes
Operating temperature, range	-5 ... 60 °C
Packaging	Coil
Short-circuit max. conductor temperature	160 °C
Water proof	Accidental
Weather resistance	Good
Fire retardant	EN IEC 60332-3-24 (cat C)

PÁSATE A PASSEO!

GAMAS DISPONIBLES H07Z1-K, H05V-K & H07V-K

Rollos de 100 m: 4 mm² y 6 mm²
Rollos de 200 m: 1,5 mm² y 2,5 mm²

PÁSATE A PASSEO™

⊕
**ASA DE
TRANSPORTE**

⊕
**GUÍA
DE CABLE
INTEGRADA**

⊕
**DESENNOLLAR
HASTA 5 CABLES
JUNTOS**

●
**AHORRO
DEL 10 %
DE TIEMPO**

⊕
**IDENTIFICACIÓN
DE LA SECCIÓN
EN LOS ROLLOS**

⊕
**EVITA
ENREDOS**



H07Z1K

1,5 mm²



2,5 mm²



4 mm²



6 mm²



H05V-K

1 mm²



H07VK

1 mm²



1,5 mm²



2,5 mm²



4 mm²



6 mm²

