

H05V-K

PVC cables

material: PVC tipology: SINGLECORE



Applications: Appliances Cables

Conditions of employment

Installation inside appliances and in lighting fittings.

Type of electrical conductor: Flexible red copper

Main rule: EN 50525-2-31

Conductor: EN 60228; IEC 60228

Self-extinguishing: EN 60332-1-2; IEC 60332-1-2

Description

Single core non-sheathed cables with flexible conductor for internal wiring.

Technical Specifications

Review number	n. 5 - 22/4/2015
Nominal tension	300/500 V
Type of insulation	TI1
Color of the outer sheath	On demand (one or two colours)
Operating temperature	+5° C +70° C
Short circuit temperature	160° C on the conductor (max 5 sec.) °C
Test voltage	2000 V
Cable marking	ELETTRO BRESCIA IEMMEQU <HAR> H05V-K
Minimum radius of curvature	4 times the max outer diameter.
Insulation tolerance	± 0,2

Documents::

[Certificate](#)

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Sections

Nominal section	Max wire diameter	Conductor diameter	Insulation thickness	Average sheath thickness	Minimum external diameter	Maximum external diameter	Copper electric resistance 20°C	Indicative weight	CU Factor
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(ohm/km)	(kg/km)	(kg/km)
2)									
1x0,50	0,21	0,859	0,60	NA	2,1	2,5	39,00	9	4,8
1x0,75	0,21	1,052	0,60	NA	2,2	2,7	26,00	12	7,2
1x1,00	0,21	1,215	0,60	NA	2,4	2,8	19,50	15	9,6

Note:

The manufacturer reserves the right to modify all or part of the data shown in this catalog

Refer to the CEI EN 50565 standard series as a guide to the use of cables with rated voltage not exceeding 450/750 V (U₀ / U) and to the CEI 20-92 standard as a guide for handling and storing wooden cable reels electric.

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