

H05V2-K (LgYc)

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Cable manufactured according to the harmonized standard (H), for rated voltage 300/500V (05), with insulation made of heat-resistant PVC (V2) and with multi wire flexible conductor (-K).

Application

Single-conductor general purpose power cable designed for use in fixed installations inside equipment or devices and inside luminaires of rated voltage not exceeding 300/500V. Cable insulation made of heat-resistant thermoplastic PVC with maximum working temperature +90°C.

Technical data

Conductor: Cu-ETP1 (acc. to EN 13602), multi wire, flexible, class 5 (acc. to EN 60228)
Insulation: PVC, type T13 (acc. to EN 50363-3)
Sheath: Not applicable
Temperature range: Up to +90°C
Standard: EN 50525-2-31
 Cables conform to the requirements of REACH Regulation and RoHS Directive.

Technical characteristics

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Number of conductors x Nominal Cross-section mm ²	Conductor structure		Resistance at 20°C mΩ/m	Insulation thickness mm	Sheath thickness mm	Outer diameter of cable		Approximate weight of cable kg/km
	Number of wires	Single wire diameter				(min.)	(max.)	
		(max.) mm				mm	mm	
1 x 0,50	16	0,21	39,0	0,6	--	2,1	2,5	8,8
1 x 0,75	24	0,21	26,0	0,6	--	2,2	2,7	11,5
1 x 1,00	32	0,21	19,5	0,6	--	2,4	2,8	13,9

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