

H05V2-U (DYc)

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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 single wire conductor (-U)

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), single wire, class 1 (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 (nom.) mm	Sheath thickness (nom.) 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	1	0,9	36,0	0,6	--	1,9	2,3	8,20
1 x 0,75	1	1,0	24,5	0,6	--	2,1	2,5	10,70
1 x 1,00	1	1,2	18,1	0,6	--	2,2	2,7	13,40

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