

H07V-K (LgY)

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Cable manufactured according to the harmonized standard (H), for rated voltage 450/750V (07), with insulation made of PVC (V) and with multi wire flexible conductor (-K)



Application

Single-conductor general purpose power cable designed for use in fixed installations in installation pipes mounted on surface or embedded in pipes as well as for fixed secured installations inside or outside lighting or control devices of rated voltage not exceeding 450/750V. Cable insulation made of thermoplastic PVC with maximum working temperature +70°C.

Technical data

Conductor: Cu-ETP1 (acc. to EN 13602), multi wire, flexible, class 5 (acc. to EN 60228)
Insulation: PVC, type T11 (acc. to EN 50363-3)
Sheath: Not applicable
Temperature range: Up to +70°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 1,50	29	0,26	13,3	0,7	--	2,8	3,4	19,09
1 x 2,50	48	0,26	7,98	0,8	--	3,4	4,1	29,95
1 x 4,00	53	0,31	4,95	0,8	--	3,9	4,8	44,42
1 x 6,00	80	0,31	3,30	0,8	--	4,4	5,3	63,51
1 x 10,00	75	0,41	1,91	1,0	--	5,7	6,8	109,00
1 x 16,00	119	0,41	1,21	1,0	--	6,7	8,1	161,46
1 x 25,00	184	0,41	0,780	1,2	--	8,4	10,2	253,14
1 x 35,00	258	0,41	0,554	1,2	--	9,7	11,7	344,73
1 x 50,00	371	0,41	0,386	1,4	--	11,5	13,9	502,39

1 x 70,00	525	0,41	0,272	1,4	--	13,2	16,0	691,83
1 x 95,00	695	0,41	0,206	1,6	--	15,1	18,2	926,33
1 x 120,00	888	0,41	0,161	1,6	--	16,7	20,2	1 166,62

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