

H07V2-R (LYc)

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Cable manufactured according to the harmonized standard (H), for rated voltage 450/750V (07), with insulation made of heat-resistant PVC (V2) and with multi wire conductor (-R).

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 450/750V. 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, class 2 (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	Conductor structure		Resistance at 20°C	Insulation thickness	Sheath thickness	Outer diameter of cable		Approximate weight of cable
	Number of wires	Single wire diameter				(min.)	(max.)	
		(max.)						
		mm						
mm²			mΩ/m	mm	mm	mm	mm	kg/km
1 x 1,50	7	--	12,1	0,7	--	2,7	3,3	21,3
1 x 2,50	7	--	7,41	0,8	--	3,3	4,0	32,7
1 x 4,00	7	--	4,61	0,8	--	3,8	4,6	48,5
1 x 6,00	7	--	3,08	0,8	--	4,3	5,2	69,8
1 x 10,00	7	--	1,83	1,0	--	5,6	6,7	115,9
1 x 16,00	7	--	1,15	1,0	--	6,4	7,8	179,0
1 x 25,00	7	--	0,727	1,2	--	8,1	9,7	276,7
1 x 35,00	7	--	0,524	1,2	--	9,0	10,9	373,4
1 x 50,00	19	--	0,387	1,4	--	10,6	12,8	499,7
1 x 70,00	19	--	0,268	1,4	--	12,1	14,6	704,0
1 x 95,00	19	--	0,193	1,6	--	14,1	17,1	970,5

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