

H05Z-K

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Cable manufactured according to the harmonized standard (H), for rated voltage 300/500V (05), with insulation made of halogen-free compound (Z) and multi wire flexible conductor (-K)

Application

Halogen-free single-conductor power cable with specific properties under fire conditions designed for use in fixed installations in installation pipes mounted on surface or embedded in pipes as well as in fixed and secured installations inside or outside lighting or control devices of rated voltage not exceeding 300/500V. It is particularly recommended to use where - in case of risk of ignition - low emission of smoke and corrosion gases is required.

Technical data

Conductor: Cu-ETP1 (acc. to EN 13602), multi wire, flexible, class 5 (acc. to EN 60228)
Insulation: Halogen-free elastomer compound, type EI5 (acc. to EN 50363-5)
Sheath: Not applicable
Temperature range: Up to +90°C
Standard: EN 50525-3-41
 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	2,6	9,00
1 x 0,75	24	0,21	26,0	0,6	--	2,2	2,8	11,80
1 x 1,00	32	0,26	19,5	0,6	--	2,4	2,9	14,20

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