

H07V-K E_{ca}

Harmonised single core, 450/750 V
+70 °C service temperature
EN 50525-2-31 and EN 50575

Application

Harmonised single core for domestic and industrial application. For fixed and protected installation in devices, control cabinets and in or on lighting equipment. For installation in pipes on, in and under plaster as well as in closed installation ducts.

Construction



1. Conductor: Copper conductor, bare or tinned, flexible (class 5)
2. Insulation: PVC, different colours

Technical information

Rated voltage	U ₀ /U	450/750 V
Max. permissible temperature at conductor		70°C
Min. operating temperature	fixed installation	-10 °C
Min. temperature during installation		5 °C
Min. bending radius mm	fixed installation	4 x outer diameter in mm

Safety parameters

Reaction to fire		EN 50399 E _{ca}
Flame spread	single cable	IEC 60332-1-2

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N° of cores and size mm ²	Insulation thickness approx. mm	Outer-diameter approx. mm	Cable weight approx. kg/km
1 x 1,5	0,7	3,0	21
1 x 2,5	0,8	3,7	32
1 x 4	0,8	4,3	47
1 x 6	0,8	4,7	65
1 x 10	1,0	5,8	110
1 x 16	1,0	6,7	170
1 x 25	1,2	8,3	255
1 x 35	1,2	9,5	345
1 x 50	1,4	11,0	495
1 x 70	1,4	12,7	680
1 x 95	1,6	14,9	900
1 x 120	1,6	16,3	1135
1 x 150	1,8	18,1	1410
1 x 185	2,0	20,3	1920
1 x 240	2,2	23,0	2260

La version française de cette fiche technique est disponible sur demande.
 De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.