

## H07Z-K E<sub>ca</sub>

Harmonised single core, 450/750 V  
+90 °C service temperature, low smoke, zero halogen  
EN 50525-3-41 and EN 50575

### Application

Harmonised, zero halogen single core for internal wiring. Zero halogen compound makes this type suitable for installation in environments where smoke and toxic fumes may threaten life or valuable equipment. 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, flexible (class 5)
2. Insulation: Halogen free cross-linked compound, different colours

### Technical information

Rated voltage	U <sub>0</sub> /U	450/750 V
Max. permissible temperature at conductor		90°C
Min. operating temperature	fixed installed	-20 °C
Min. temperature during installation		-5 °C
Min. bending radius mm	fixed installed	4 x D outer diameter in mm

#### Safety parameters

Reaction to fire		EN 50399 E <sub>ca</sub>
Flame spread	single cable	IEC 60332-1-2
Halogen free		
Smoke density		IEC 61034

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N° of cores and size mm <sup>2</sup>	Insulation thickness approx. mm	Outer-diameter approx. mm	Cable weight approx. kg/km
1 x 1,5	0,7	3,2	22
1 x 2,5	0,8	3,7	33
1 x 4	0,8	3,5	47
1 x 6	0,8	4,7	65
1 x 10	1,0	6,2	110
1 x 16	1,0	7,5	163
1 x 25	1,2	9,5	250
1 x 35	1,2	10,6	339
1 x 50	1,4	12,4	492
1 x 70	1,4	14,7	674
1 x 95	1,6	16,9	890
1 x 120	1,6	18,2	1125
1 x 150	1,8	20,6	1400
1 x 185	2,0	22,7	1716
1 x 240	2,2	25,4	2263

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