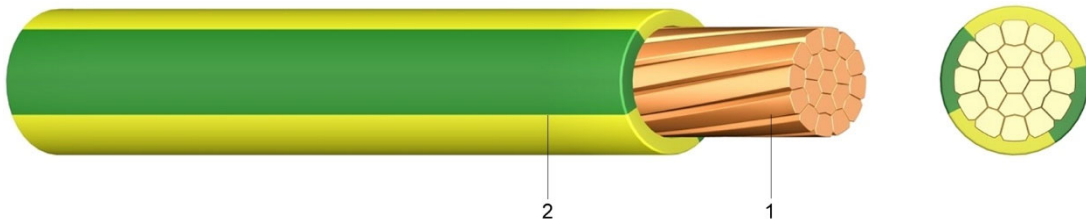# H07Z1-R C$_{ca}$ - s1, d2, a1

<div align="right">

Single core, 450/750 V
+70 °C service temperature, low smoke, zero halogen, fire retardant, UV resistant
EN 50525-3-31 and EN 50575

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Application

Harmonised, zero halogen single core with improved fire characteristics 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.

Construction

1. Conductor: Copper conductor, bare, stranded (class 2)
2. Insulation: Halogen free compound, different colours

Technical information

Rated voltage	U$_0$/U	450/750 V
Max. permissible temperature at conductor		70°C
Min. operating temperature	fixed installation	-25 °C
Min. temperature during installation		-5 °C
Min. bending radius mm	fixed installation	4 x D outer diameter in mm

Safety parameters

Reaction to fire		EN 50399 C$_{ca}$ - s1, d2, a1
Flame spread	single cable	IEC 60332-1-2
	bunched cables	IEC 60332-3-24
Halogen free		IEC 60754-1 /-2
Smoke density		IEC 61034-1/ -2

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N° of cores and size mm²	Insulation thickness approx. mm	Outer-diameter approx. mm	Cable weight approx. kg/km
1 x 6	0,8	4,7	68
1 x 10	1,0	5,8	114
1 x 16	1,0	6,7	168
1 x 25	1,2	8,3	261
1 x 35	1,2	9,5	350
1 x 50	1,4	11,0	489
1 x 70	1,4	12,7	686
1 x 95	1,6	14,9	951
1 x 120	1,6	16,3	1179
1 x 150	1,8	18,1	1454
1 x 185	2,0	20,3	1828
1 x 240	2,2	23,0	2347

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