

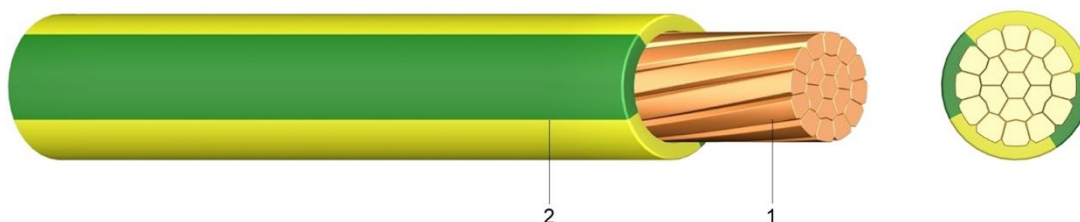
H07Z1-R B_{2ca} / C_{ca}

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

Application

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 thermoplastic compound T17 according to EN 50363-7, different colours

Technical information

Rated voltage	U ₀ /U	450/750 V
Max. permissible temperature at conductor		70°C
Min. operating temperature	fixed installation	-20 °C
Min. temperature during installation		-5 °C
Min. bending radius mm	fixed installation	4 x outer diameter in mm ≤ 8 mm 5 x outer diameter in mm < 8 mm and ≤ 12 mm 6 x outer diameter in mm > 12 mm
Safety parameters		
Reaction to fire		EN 50399 B _{2ca} - s1, d0, a1 or EN 50399 C _{ca} - s1, d2, a1
Additional parameters		
UV resistance		EN 50289-4-17 Method A (720h)

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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 6	0,8	4,6	69
1 x 10	1,0	6,0	115
1 x 16	1,0	7,0	169
1 x 25	1,2	8,7	264
1 x 35	1,2	9,8	353
1 x 50	1,4	11,5	483
1 x 70	1,4	13,4	675
1 x 95	1,6	15,7	928
1 x 120	1,6	17,2	1163
1 x 150	1,8	19,1	1438
1 x 185	2,0	21,2	1798
1 x 240	2,2	24,1	2349
1 x 300	2,4	27,2	2925

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