

RZ1 (AS) AL

Power cable, 0,6/1 kV
+90 °C service temperature, low-smoke, halogen free, fire retardant, cold resistant
IEC 60502-1 , UNE 21123-4 and EN 50575

Application

Zero halogen aluminium power cable with improved fire characteristics for fixed installation. Zero halogen cables are suitable for installation in environments where smoke and toxic fumes may threaten life or valuable equipment. Outdoor laying only permitted when protected from direct sunlight and other external impacts.

Construction



1. Conductor: Aluminium conductor, stranded (class 2)
2. Insulation: XLPE insulation
3. Outer sheath: Halogen free polyolefin, green

Technical information

Operating voltage		0,6/1 kV
Max. permissible temperature at conductor		90 °C
Installation temperature		-5 °C to 50 °C
Min. operating temperature	fixed installation	-40 °C
Min. bending radius mm		15 x outer diameter in mm
Safety parameters		
Reaction to fire	on request	EN 50399 C _{ca} – s1, d2, a1
Flame spread	single cable	EN 50399 B2 _{ca} – s1, d1, a1
	bunched cables	IEC 60332-1-2
Halogen free		IEC 60332-3-24
Smoke density		IEC 60754-1 /-2
		IEC 61034-1/ -2

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N° of cores and cross section mm ²	Outer diameter approx. mm	Weight approx. kg/km
1 x 50	12,7	230
1 x 70	14,6	305
1 x 95	16,4	400
1 x 120	18,3	490
1 x 150	20,1	600
1 x 185	22,0	725
1 x 240	25,0	925
1 x 300	27,5	1130

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