



HIK-AL-M

Power cable 0,6/1 kV with Al conductors, XLPE insulated, with halogen-free sheath

APPLICATION

Halogen-free UV resistant cable for fixed installation in buildings, channels, tubes, in open air and in the ground. The insulation must not be exposed to UV light. Installed acc. to The Danish Heavy Regulations.

CONSTRUCTION

Conductors: : Al, class 1 according to EN 60228

Insulation: XLPE compound

Bedding: Extruded elastomere or plastomere compound or plastic tape

Sheath: Halogen-free compound

TECHNICAL CHARACTERISTICS

CPR class: Eca

Test voltage: 4 Kv

Rated voltage: 0,6/1 kV

Bending radius (min): multicore - 15D

Min. laying temperature: -0°C to 50°C

Max. short-circuit temperature: 250°C

Working temperature: -40°C to 90°C

Fire properties: EN 60332-1-2

Low smoke: acc. to EN 61304

STANDARD

HD 603 S1, p.5B, IEC 60502-1

CERTIFICATION



International
Electrotechnical
Commission



CORE IDENTIFICATION

According to HD 308 S2

Insulation Color:

4-core (a): ● Green/Yellow ● Brown ● Black ● Grey

4-core (b): ● Blue ● Brown ● Black ● Grey

5-core: ● Green/Yellow ● Blue ● Brown ● Black ● Grey

Outer Sheath Colour:

● Grey

Other colours available on request

ARTICLE NUMBER	NOMINAL CROSS-SECTION	CONDUCTOR CONSTRUCTION	MAX. RESIS- TANCE AT 20°C	CURRENT CAPACITY IN AIR	CURRENT CAPACITY IN EARTH	OUTER DIAMETER	METAL WEIGHT	CABLE WEIGHT (APPROX.)
	mm ²		Ω/km	A	A	mm	kg/km	kg/km
1247971	4x10	RE	3,08	-	-	16,3	116,0	230
1247975	4x16	RE	1,910	-	-	18,0	185,6	325
1247977	4x25	RE	1,200	102	112	22,1	290,0	485
1247981	4x50	SE	0,641	149	158	26,0	580,0	832
1247985	4x95	SE	0,320	234	234	33,6	1102,0	1474
1247989	4x150	SE	0,206	311	300	42,0	1740,0	2301
1247993	4x240	SE	0,125	427	398	52,1	2784,0	3632
1247995	5G10	RE	3,08	-	-	17,7	145,0	278
1247996	5G16	RE	1,910	-	-	20,0	232,0	390
1247998	5G25	RE	1,200	102	112	24,0	362,5	580

