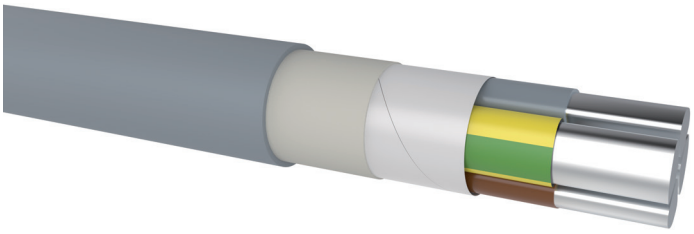
PRAKAB PRAŽSKÁ KABELOVNA

PVIKS-AL-M

PVC/PVC aluminium energy cables

DESIGN



1 I Aluminium conductor, round solid (RE), resp. sector-shaped solid (SE)
2 I Core insulation (PVC)
3 I Inner covering (EPDM or plastic tape)
4 I Sheath (PVC grey)

APPLICATION

Power distribution cables in power stations, industrial instal-la-tions and switchgears, as well as in local mains. For fixed instal-la-tion underground, in interior premises, cable ducts, in the open air, in water – as permitted by the local building regulations – if no risk of any mechanical damage is to be expected.

TECHNICAL DATA

Standard:
HD 603.3E

Rated voltage:
0.6/1 kV

Test voltage:
core / core 4 kV / 50 Hz

Temperature range:
laying temperature: min. -5 °C
operating temperature: -50 °C up to 70 °C
conductor temperature: max. 70 °C
short circuit temperature: max. 160 °C/5 s

Bending radius (min.):
10 x Ø of cable

Core identification:
HD 308 S2

Fire properties:
EN 60332-1-2: flame retardant

Number of cores x nominal cross-section (mm^2)	Max. conductor resistance (Ω/km)	Current rating in the earth (A)	Current rating in the air (A)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths / packing
PVIKS-AL-M						
4 x 16 RE	1.91	81	61	23.4	766	1000 D
4 x 25 RE	1.2	102	81	27.1	1042	1000 D
4 x 50 SE	0.641	144	119	27.3	1030	1000 D
4 x 95 SE	0.32	215	186	35.2	1777	1000 D
4 x 150 SE	0.206	275	246	41.8	2577	500 D
4 x 240 SE	0.125	364	338	51.9	4138	500 D

Technical changes reserved. All figures are therefore without guarantee.