We Make Modern Life Possible.

POWER CABLES AND OVERHEAD LINES 0.6/1 KV

EAXeVB/AH

XLPE/PVC aluminium energy cable, longitudinally waterproof

Power distribution cables in power stations, industrial installations and switchgears, as well as in local mains. For fixed installation 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 603.5A
NBN HD 603
TST 03 Ed. 04.2024

Certificate
EZÚ Czech Republic

Test Voltage
core/core 4 kV / 50 Hz

Rated Voltage
0,6/1 kV

Bending radius (min.)
15 x Ø of cable

Fire properties
EN 60332-1-2: self-extinguishing
CPR Classification: Eca

Core identification
HD 308 S2

Temperature range
Laying temperature: min. -5°C
Operating temperature: -20°C up to 80°C
Conductor temperature: max. 90°C
Short circuit temperature: max. 250°C

DESIGN



1. Aluminium conductor, round solid (RE), sector-shaped solid (SE), resp. sector-shaped stranded (SM)
2. Core insulation (XLPE)
3. Inner protective covering (water-blocking tape and threads)
4. Inner covering (EPDM with separation powder)
5. Sheath (PVC black, UV-resistant)

Number of cores x nominal cross-section (mm²)	Current rating in the earth (A)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
4 x 50 RE	158	149	33.5	1325
4 x 95 SE	234	234	38.2	1997
4 x 150 SE	300	311	45.9	2891
4 x 150 SM	300	311	48.9	3082
4 x 240 SM	398	427	60.5	4720

Technical changes reserved. All figures are therefore without guarantee.

EPD
INTERNATIONAL EPD SYSTEM

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