

LOW VOLTAGE CABLES 0,6/1 kV

EAXeVB/AH

XLPE/PVC aluminium energy cable,
longitudinally waterproof



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
OPR Classification: Eca

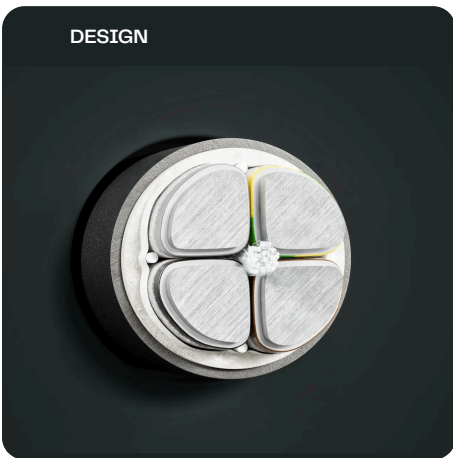


Core identification
HD 308 S2



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



EPD
INTERNATIONAL EPD SYSTEM

CONTACT PERSON

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