



## V-VMvKhsas

Power cable 0,6/1 kV with Al conductors, insulated and sheathed with PVC

Marking: TTkabeli BiH V-VMvKhsas Eca 0,6/1 kV – 4x150 Alsvm+ 4x6 +sas 25 NEN-HD 603-3-I CE

### APPLICATION

A power and control cable for general use in low voltage installations up to 1 kV. Suitable for applications indicated in NEN 1010. Suited for direct burial (also in wet conditions but not directly in water) and above ground, as power cable for mains and distribution boards.

### TECHNICAL CHARACTERISTICS

Voltage rating (U<sub>0</sub>/U): 0,6/1 kV

Testing voltage: 4 kV

Min. temp. for cable laying: 0°C

Max. working temperature: 70°C

Max. short-circuit temperature: 160°C

Min. bending radius: 12D

Min. bending radius during installation: 10D

### CONSTRUCTION

Conductors: Al, class 1 according to EN 60228

Pilot conductors: Cu, class 1 according to EN 60228, with PVC insulation

Insulation: PVC compound

Inner sheath: PVC compound

Bedding: Extruded elastomere or plastomere compound

Concentric conductor: Cu wires with copper counter helix tape

Sheath: PVC compound, UV resistant

### STANDARD

NEN HD 603 S1

### CORE IDENTIFICATION

According to HD 308 S2

Insulation Color:

4-core (a): ● Red ● Yellow ● Blue ● Yellow/Blue

Outer Sheath Colour:

● Black

*Other colours available on request*

### CERTIFICATION



NOM. CROSS SECTION	CONDUCTOR SHAPE	PILOT CONDUCTORS	MAX. RESISTANCE AT 20°C	CURRENT CAPACITY IN AIR	CURRENT CAPACITY IN EARTH	OUTER DIAM. (APPROX.)	AL WEIGHT	CABLE WEIGHT (APPROX.)
mm <sup>2</sup>		mm <sup>2</sup>	Ω/km	A	A	mm	kg/km	kg/km
4x50/25	Alsvm	2,5	0,641	157	<b>188</b>	33,2	580,0	1817
4x95/35	Alsvm	6	0,320	246	280	42,2	1102,0	3027
4x150/50	Alsvm	6	0,206	326	359	50,6	1740,0	4301
4x240/70	Alsvm	6	0,125	445	473	62,1	2784,0	6374

