HTA-K20 Alu 12/20kV C33-226 B2ca-s1a,d0,a1

HTA-K20 Alu 12/20kV C33-226 1x50 B2ca-s1a,d0,a1

Reference: 13118055
EAN 13: 3427580851636

FIRE PERFORMANCE CLASS

B2ca-s1a,d0,a1

CONTACT

Market information
industryprojects.business@lynxeogroup.com

These cables are suitable for MV power applications, particularly for connections in transformer stations and power stations, between aerial lines and transformer stations

STANDARDS

Product EN 50575; EN 60228

KEY CHARACTERISTICS

Usage characteristics	
Water proof	AD7

DESIGN

1. Conductor
Aluminium class 2 acc. IEC 60228

2. Screen
Semi Conductor

3. Insulation
Cross-linked polyethylene (XLPE)
Colour:

4. Swelling semi-conductor

5. Aluminium Tape

6. Sheath
Polyolefine without halogen
Colour: black

Example of marking:

Reaction to fire: B2ca-s1a, d0, a1

FEATURES

The NF C 33-226 cable is intended for public MV (20 kV) distribution. It is classified AD8 (fresh water < 0.2 bar), AF2 and AN3 in accordance with standard NF C 13-200 and the outer sheath of the cable is termite-resistant. It may consist of a single core or three phase conductors twisted together (torsade).

Designed according to RATP K20 specification HTA-K20 cables are:

- Fire retardant
- Low smoke
- Without Halogen
- Low Toxicity
- Low corrosivity

HTA-K20 cables have CPR classification: B2ca-s1,d2,a1 according to EN 50575
- B2ca: combustible but very little burning
- s1: very low smoke production (best in class)
- d2: some flaming droplets
- a1: very low acidity of smoke (best in class)

Halogen free **IEC/EN 60754-1**
Flame retardant **IEC/EN 60332-1-2**
Smoke density **IEC 61034-2 & EN 61034-2**
Gases corrosivity **IEC/EN 60754-2**
Max conductor temp.in service **90°C**
Operating temp **-20 ... 60 °C**
Water proof **AD7**
U.V resistance **AN3**

CHARACTERISTICS

Construction characteristics	
Conductor material	Aluminum
Type of conductor	Stranded, class 2
Outer sheath	LSZH compound
Halogen free	IEC/EN 60754-1
Dimensional characteristics	
Minimum outer diameter	32.7 mm
Maximum outer diameter	29.1 mm
Approximate weight	912 kg/km
Conductor cross-section	- mm²
Diameter over insulation	- mm
Usage characteristics	
Flame retardant	IEC/EN 60332-1-2
Smoke density	IEC 61034-2 & EN 61034-2
Gases corrosivity	IEC/EN 60754-2
Max. conductor temperature in service	90 °C
Operating temperature, range	-20 ... 60 °C
Water proof	AD7
U.V resistance	AN3