FEEDER 1x240/35 ALU 26/45kV CPR B2ca-s1a,d0,a1

CONTACT

Market information
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Medium voltage railway (coaxial) cable

STANDARDS

Product EN 50575; IEC 60228

Test IEC 60840

APPLICATION

Medium voltage coaxial cables intended for wiring 25 kV and 2x25 kV circuits in substations and electrical traction substations, excluding tunnels and public places.

DESIGN

1. Conductor
Aluminium class 2 according to IEC 60228
Separator (optional)

2. Extruded semi-conductor

3. Insulation
Cross-linked polyethylene (XLPE)

4. Extruded semi-conductor

5. Swelling tape

6. Screen
Copper wires with copper tape

7. Filling

8. Outer sheath
Polyolefin without halogen (ST8)
Color: black

Example of marking:
FEEDER 1x240/70 Alu 26/45kV B2ca -LYNXEO 269 YY-MM xxx m

Halogen free	Flame retardant	Smoke density	Max.conductor temp.in service	Operating temp.	Gases corrosivity	U.V resistance
IEC 60754-1	**IEC 60332-1-2**	**IEC 61034-2**	**90 °C**	**-20 ... 60 °C**	**IEC 60754-2**	**Good**

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CHARACTERISTICS

Construction characteristics	
Conductor material	Aluminum
Type of conductor	Class 2
Insulation	XLPE (Cross-linked Polyethylene)
Outer sheath	Halogen free polyolefin
Halogen free	IEC 60754-1
Dimensional characteristics	
Conductor cross-section	240 mm²
Minimum outer diameter	49.7 mm
Maximum outer diameter	55.0 mm
Approximate weight	3339 kg/km
Usage characteristics	
Flame retardant	IEC 60332-1-2
Smoke density	IEC 61034-2
Max. conductor temperature in service	90 °C
Operating temperature, range	-20 ... 60 °C
Gases corrosivity	IEC 60754-2
U.V resistance	Good

Halogen free
IEC 60754-1


Flame retardant
IEC 60332-1-2


Smoke density
IEC 61034-2


Max.conductor temp.in service
90 °C


Operating temp.
-20 ... 60 °C


Gases corrosivity
IEC 60754-2


U.V resistance
Good