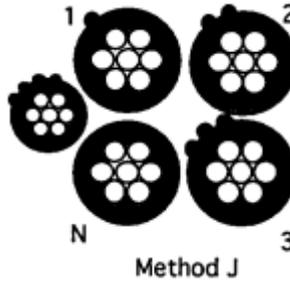


NFA2X 3x35RMAL+50RMAA+25RMAL mm²
0.6/1 (1.2) kV
HD 626 S1: Part 6 – Section D*



*illustrative only

	Construction	Material	Size	Diameter** (mm)
I	Phase Conductors, 1-2-3	Al	7 wires, RMC	6.9
	Neutral Conductor, N	AlMgSi	7 wires, RMC	8.1
	PSL Conductor	Al	7 wires, RMC	5.9
II	Phase Insulation, TIX-4	XLPE, Bk	Nom. th. : 1.3 mm	9.5
	Neutral Insulation, TIX-4		Nom. th. : 1.5 mm	11.1
	Public street lighting conductor, TIX-4		Nom. th. : 1.3 mm	8.5

III	Assembly of cores		Hand of lay: Right (Z) Max. pitch: 87 cm	26
IV	Core identification			
	Core no. 1		1 longitudinal rib (embossing)	
	Core no. 2		2 longitudinal ribs (embossing)	
	Core no. 3		3 longitudinal ribs (embossing)	
	Core N	[Producer name]	NFA2X 3x35RM +1x50RM + 1x25RM 0.6/1 kV [year] 0001M	
	Core PSL		4 longitudinal ribs (embossing)	
V	Way of marking,		Ink jet,	
	Core no. N		1 x text marking / 1m of cable	

- Partial applied; ** informative only!

Type	Max. current carrying capacity, at conductor temperature 90 °C, in air at 25 °C, direct sunlight, wind velocity 0.6 m/s and maximum solar radiation 1000 W/m ²		Mass of complete cable
	Max. short circuit	Max. continuous load [A]	Approx. [kg/km]
NFA2X 3x35+50+25	250	160	665

** *Max. continuous load for public street lighting conductor: 130 [A]

Applications:

Overhead distribution and service, fixed installations

Electrical characteristics:Max. electrical DC resistance of phase conductor, @ 20 °C: 0.868 Ω /kmMax. electrical DC resistance of neutral conductor, @ 20 °C: 0.720 Ω /kmMax. electrical DC resistance of public street lighting conductor, @ 20 °C: 1.200 Ω /km**Installation conditions:****Operation temperature:** - 25 °C to +40 °C**Min. installation temperature:** - 20 °C

(below 0°C special precaution shall be taken)

Min. breaking load of messenger: 14.2 kN**Min. installation bending radius:** 580 mm