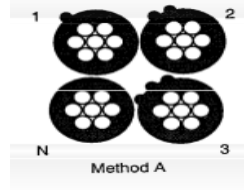


NFA2X 3x16REAL+25RMAA mm²**0.6/1 (1.2) kV****HD 626 S1: Part 6 – Section D**

- *Illustrative only*

	Construction	Material	Size	Diameter (mm)*
I	Phase Conductors, 1-2-3	Al	RE	4.4
	Messenger Neutral Conductor, N	AlMgSi	7 wires, RMC	5.9
II	Phases Insulation, TIX-4	XLPE, Bk	Nom. th. : 1.3 mm	7.0
	Messenger Insulation, TIX-4		Nom. th. : 1.3 mm	8.5
III	Assembly of cores		Hand of lay: Right (Z) Max. pitch: 630 mm	17.85
IV	Core identification Core no. 1		1 longitudinal rib - embossed	

	Core no. 2	2 longitudinal ribs - embossed
	Core no. 3	3 longitudinal ribs - embossed
	Core no. N	[Producer name] NFA2X 3x16+25 0.6/1 kV [year] 0001M
V	Way of marking	Ink jet,
	Core no. N	1 x text marking / 1m of cable

* informative only!

Type	Max. current carrying capacity, at 90 °C, in mono-phase systems [A]	1 s short circuit current [kA]	Max. short-circuit temperature, (≤5s) [°C]	Mass of complete cable Approx. [kg/km]
	In air at 25°C			
NFA2X 3x16+25	100	1.5	250	295

Applications:

Overhead distribution, fixed installations

Electrical characteristics:

Max. electrical DC resistance of conductor, @ 20 °C: 1.91Ω/km

Max. electrical DC resistance of messenger, @ 20 °C: 1.38Ω/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 force of messenger: 7.4 kN

Min. installation bending radius: 420 mm