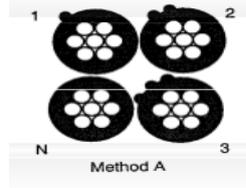


NFA2X 3x16REAL+25RMAA mm²**0.6/1 (1.2) kV****HD 626 S1: Part 6 – Section D**

- *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