

|                                 |                                             |                                                             |          |                        |    |                                                                                       |                 |    |
|---------------------------------|---------------------------------------------|-------------------------------------------------------------|----------|------------------------|----|---------------------------------------------------------------------------------------|-----------------|----|
| Doc. Code: F7-10/01             |                                             | Data Sheet                                                  |          |                        |    |                                                                                       |                 |    |
| Rev. Date: 03.06.26             |                                             | For:                                                        |          | Flexible Wire          |    | 300/300 V                                                                             |                 |    |
| Item No.                        | Specification                               |                                                             |          |                        |    | Date: 8/10/2026                                                                       |                 |    |
| I. General                      |                                             |                                                             |          |                        |    |                                                                                       |                 |    |
| 1                               | Cable Size                                  |                                                             |          | 2                      | ×  | 2.5                                                                                   | mm <sup>2</sup> |    |
| 2                               | Cable Type                                  |                                                             |          | NYFAZW                 |    | &                                                                                     | H03VH-F         |    |
| 3                               | Manufacturer's Name                         |                                                             |          |                        |    |                                                                                       |                 |    |
| 4                               | Abbreviated Description                     |                                                             |          | CU/PVC                 |    |                                                                                       |                 |    |
| 5                               | Standards                                   |                                                             |          | IEC 60227-5            |    |                                                                                       |                 |    |
| 6                               | Rated Voltage                               |                                                             |          | 300/300 V              |    |                                                                                       |                 |    |
| II. Construction                |                                             |                                                             |          |                        |    |                                                                                       |                 |    |
| 7                               | Conductor                                   | Material                                                    |          | Annealed Bare Copper   |    |                                                                                       |                 |    |
|                                 |                                             | Class                                                       |          | 5                      |    |                                                                                       |                 |    |
|                                 |                                             | Shape                                                       |          | Round                  |    |                                                                                       |                 |    |
|                                 |                                             | Construction<br>(No. x Nominal Dia.)                        | Phase    | 51                     | ×  | 0.235                                                                                 | mm              |    |
|                                 |                                             |                                                             | Neutral  | -                      | -  | -                                                                                     | -               |    |
| 8                               | Insulation                                  | Material                                                    |          | PVC/D                  |    |                                                                                       |                 |    |
|                                 |                                             | Nominal Thickness &<br>Dia. Core                            | Phase    | 0.9                    | mm | &                                                                                     | 3.74*7.48       | mm |
|                                 |                                             |                                                             | Neutral  | -                      | -  | -                                                                                     | -               | -  |
|                                 |                                             | Color                                                       | Phase    | White -                | -- | --                                                                                    | --              | -- |
| Neutral                         | -                                           |                                                             |          |                        |    |                                                                                       |                 |    |
| -                               | -                                           | -                                                           |          | -                      |    |                                                                                       |                 |    |
| -                               | -                                           | -                                                           |          | -                      |    |                                                                                       |                 |    |
| -                               | -                                           | -                                                           |          | -                      |    |                                                                                       |                 |    |
| -                               | -                                           | -                                                           |          | -                      |    |                                                                                       |                 |    |
| -                               | -                                           | -                                                           |          | -                      |    |                                                                                       |                 |    |
| -                               | -                                           | -                                                           |          | -                      |    |                                                                                       |                 |    |
| 9                               | Working Temperature °C                      |                                                             |          | 70 °C                  |    |                                                                                       |                 |    |
| III. Electrical Characteristics |                                             |                                                             |          |                        |    |                                                                                       |                 |    |
| 10                              | Max. DC Conductor Resistance For            | Phase                                                       | at 20 °C | 7.98 Ω/km              |    |                                                                                       |                 |    |
|                                 |                                             |                                                             | at 70 °C | 9.5478 Ω/km            |    |                                                                                       |                 |    |
|                                 |                                             | Neutral                                                     | at 20 °C | -                      |    |                                                                                       |                 |    |
|                                 |                                             |                                                             | at 70 °C | -                      |    |                                                                                       |                 |    |
| 11                              | Max. Conductor Temperature At Short Circuit |                                                             |          | 160 °C                 |    |                                                                                       |                 |    |
| 12                              | Max. Short Circuit Current At 1 Sec         |                                                             |          | 0.278 KA               |    |                                                                                       |                 |    |
| 13                              | Voltage Test (dc)                           |                                                             |          | 4.8 KV 5 min           |    |                                                                                       |                 |    |
| 14                              | Minimum Insulation Resistance at            |                                                             | 20 °C    | -                      |    |                                                                                       |                 |    |
|                                 |                                             |                                                             | 70 °C    | 0.009 MΩ.km            |    |                                                                                       |                 |    |
| 15                              | Cable Length (per drum)                     |                                                             |          | 100 ; 500 ; 1000 meter |    |                                                                                       |                 |    |
| 16                              | Cable Weight (Approx.*)                     |                                                             |          | 64.0 gr/m              |    |                                                                                       |                 |    |
|                                 |                                             | NOTES:                                                      |          |                        |    |  |                 |    |
|                                 |                                             | CU: Copper<br>PVC/D: Poly Vinyl Chloride 70 °C (Insulation) |          |                        |    |                                                                                       |                 |    |

Approx.\*: ± 5%