

**H07V-R**

| <b>1. Cable Type</b> |     |  |                    | <b>Item</b>        |
|----------------------|-----|--|--------------------|--------------------|
|                      | 1.1 | Section                                  | (mm <sup>2</sup> ) | 10                 |
|                      | 1.2 | Rated Voltage (U <sub>0</sub> /U)        | (V)                | 450/750            |
|                      | 1.3 | Standart No                              |                    | EN 50525-2-31      |
|                      | 1.4 | Cable Code                               |                    | H07V-R             |
| <b>2. Conductor</b>  |     |  |                    |                    |
|                      | 2.1 | Conductor Material                       |                    | Cu                 |
|                      | 2.2 | Conductor Structure                      |                    | Stranded(Class II) |
|                      | 2.3 | Nominal Cross-Section                    | (mm <sup>2</sup> ) | 10                 |
|                      | 2.4 | Number of wires and diameter             | (mm)               | 7x1,33             |
|                      | 2.5 | Conductor Diameter                       | (mm)               | 4                  |
|                      | 2.6 | Conductor DC resistance at 20°C (max.)   | (ohm/km)           | 1.83               |
|                      | 2.7 | Maximum operating temperature            | (°C)               | 70                 |
|                      | 2.8 | Maximum Short Circuit Temperature (5 sn) | (°C)               | 160                |
| <b>3. Insulation</b> |     |  |                    |                    |
|                      | 3.1 | Material                                 |                    | PVC                |
|                      | 3.2 | Nominal Insulation Thickness             | (mm)               | 1.0                |
| <b>4. Overall</b>    |     |  |                    |                    |
|                      | 4.1 | Cable Diameter                           | (mm)               | 6.0                |
|                      | 4.2 | Cable Weight (appr.)                     | (kg/km)            | 110                |
|                      | 4.3 | Current Carrying Capacity (air)          | (A)                | 73                 |
|                      |     | Current Carrying Capacity (conduit)      | (A)                | 45                 |
|                      | 4.4 | Delivery Lenght                          | (mt)               | 1000               |