

## **PRODUCT DATA SHEET**

### **Cable Description**

|  |   |  |
|--|---|--|
| <i>Cable Size</i>                              | : | 4X16 mm <sup>2</sup>   |
| <i>Standard Specification Applied To Cable</i> | : | IEC 60502 - IEC 60228  |
| <i>Rated Voltage</i>                           | : | 600 / 1000 Volt  |
| <i>Cable Description</i>                       | : | Flexible Copper Conductor Insulated With Polyvinyl Chloride And Sheathed With Polyvinyl Chloride(CU / PVC / PVC) |

### **Conductor**

|   |   |                         |
|---|---|-------------------------|
| <i>Standard Specification Applied To Conductor</i>        | : | IEC 60228               |
| <i>NO. Of Cores per Cable</i>                             | : | 4                       |
| <i>Nominal Cross- Sectional Area Per core</i>             | : | 16 mm <sup>2</sup>      |
| <i>Nominal Number Of Strands Per core</i>                 | : | 224                     |
| <i>Diameter Of Each Strand</i>                            | : | 0.30 mm                 |
| <i>Material Of Core</i>                                   | : | Copper                  |
| <i>Type</i>   | : | Class-5                 |
| <i>Cross- Sectional Area Of Each Strand</i>               | : | 0.07065 mm <sup>2</sup> |
| <i>Overall Diameter Of Conductor</i>                      | : | 5.20 mm                 |
| <i>D.C. Resistance Of Conductor At 20°c Per Km (max.)</i> | : | 1.21 Ω/km               |

### **Insulation**

|   |   |                             |
|---|---|-----------------------------|
| <i>Material Of Insulation</i>   | : | Polyvinyl Chloride          |
| <i>Colour Per Core</i>  | : | Red – Yellow – Blue – Black |
| <i>Nominal Thickness Of Insulation Per Core</i>                           | : | 1.00 mm                     |
| <i>Min. Insulation Resistance Per Core Per Km Length Of Cable At 70°c</i> | : | 0.0050 M ohm.Km             |
| <i>Test Voltage Between Cores And Earth ( AC KV . Time min )</i>          | : | 3000V for 5 min             |
| <i>Heat Resistance Test ( Temperature °c . Time min )</i>                 | : | 150 °c for 1 hour           |

### **Over Sheath**

|                                  |   |                    |
|----------------------------------|---|--------------------|
| <i>Material Of Outer Jacket</i>  | : | Polyvinyl Chloride |
| <i>Thickness Of Outer Jacket</i> | : | 1.80 mm            |
| <i>Colour Of Outer Jacket</i>    | : | Gray Or Black      |

### **Cable Dimension ( Nominal ) :**

|  |   |          |
|--|---|----------|
| <i>Approx. External Cable Diameter</i> | : | 21.20 mm |
|--|---|----------|