

# TECHNICAL DATASHEET

## 6491X / H07V-K (Cu/PVC)

# PROSTAR

### APPLICATION

For protected installation and lighting fitting. Also for in conduit, on and under plaster.



|  |                  |
|--|------------------|
| Total number of cores x Nominal cross section (mm <sup>2</sup> ) | 4                |
| Rated voltage (U <sub>0</sub> /U)                                | 450/750 V        |
| Applicable Standard  | BS EN 50525-2-31 |

### 1 CONDUCTOR

|                       |                              |
|-----------------------|------------------------------|
| Applicable standard   | BS EN 60228                  |
| Material of conductor | Class 5 fine stranded copper |

### 2 INSULATION

|                                    |                                  |
|------------------------------------|----------------------------------|
| Material of insulation             | PVC (acc. to BS EN 50363-3 TI 1) |
| Thickness of insulation (mm)       | 0,80                             |
| Overall cable diameter (mm) approx | 4,10                             |
| Colour of insulation               | CUSTOMER REQUEST                 |

### TECHNICAL DATAS AND SPECIFICATIONS

|  |                 |
|--|-----------------|
| Maximum resistance of the conductor at 20 °C | 4,95 ohm/km     |
| Current carrying capacity in; Conduit / Air  | 26 A / 42 A     |
| AC Test voltage                              | 2500 V          |
| Weight of cable (approx)                     | 45 kg/km        |
| Min. bending radius during laying            | 4xCable Ø       |
| Temperature range                            | -20 °C / +70 °C |
| Max. operating temperature                   | 70 °C           |
| Max. short circuit temperature (max.5 sec.)  | 160 °C          |
| Flame propagation test on single cable       | BS EN 60332-1-2 |



-20 / +70 °C  
Temperature range



70 °C  
Max. operating temperature



160 °C  
Max. short circuit (max.5 sec.)



Flexible cable



BS EN 60332-1-2  
Flame test



RoHS  
Compliance



REACH  
Compliance



European  
Conformity



Eurasian  
Conformity

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