

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 ²) | 2,5 |
| Rated voltage (U ₀ /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 | 3,60 |
| Colour of insulation | CUSTOMER REQUEST |

TECHNICAL DATAS AND SPECIFICATIONS

| | |
|--|-----------------|
| Maximum resistance of the conductor at 20 °C | 7,98 ohm/km |
| Current carrying capacity in; Conduit / Air | 19,5 A / 32 A |
| AC Test voltage | 2500 V |
| Weight of cable (approx) | 31 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

PROSTAR