

# 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> )	10
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)	1,00
Overall cable diameter (mm) approx	6,05
Colour of insulation	CUSTOMER REQUEST

### TECHNICAL DATAS AND SPECIFICATIONS

Maximum resistance of the conductor at 20 °C	1,91 ohm/km
Current carrying capacity in; Conduit / Air	46 A / 73 A
AC Test voltage	2500 V
Weight of cable (approx)	108 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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