

# TECHNICAL DATASHEET

## 2491X / H05V-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> )	1
Rated voltage (U <sub>0</sub> /U)	300/500 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)	0,60
Overall cable diameter (mm) approx	2,50
Colour of insulation	CUSTOMER REQUEST

### TECHNICAL DATAS AND SPECIFICATIONS

Maximum resistance of the conductor at 20 °C	19,5 ohm/km
Current carrying capacity in; Conduit / Air	11 A / 20 A
AC Test voltage	2000 V
Weight of cable (approx)	14 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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