

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)	1,5
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)	0,70
Overall cable diameter (mm) approx	2,80
Colour of insulation	CUSTOMER REQUEST

TECHNICAL DATAS AND SPECIFICATIONS

Maximum resistance of the conductor at 20 °C	13,30 ohm/km
Current carrying capacity in; Conduit / Air	14,5 A / 24 A
AC Test voltage	2500 V
Weight of cable (approx)	19 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