

TECHNICAL DATASHEET

6491B / H07Z-K (Cu/XL-LSZH)

PROSTAR

APPLICATION

It is used in hotels, schools, high buildings, hospitals, data processing centers and crowded business centers and fire-sensitive areas.



Total number of cores x Nominal cross section (mm ²)	2,5
Rated voltage (U ₀ /U)	450/750 V
Applicable Standard	BS EN 50525-3-41

1 CONDUCTOR

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

2 INSULATION

Material of insulation	XL-LSZH (acc. to BS EN 50363-5 EI 5)
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 / +90 °C
Max. operating temperature	90 °C
Max. short circuit temperature (max.5 sec.)	250 °C
Smoke density	BS EN 61034-2
Determination of the amount of halogen acid gas	BS EN 60754-1
Determination of acidity and conductivity	BS EN 60754-2
Flame propagation test on single cable	BS EN 60332-1-2



-20 / +90 °C
Temperature range



90 °C
Max. operating temperature



250 °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