

KNX 2 Pair Armoured Black Technical Datasheet

Part No: Description:

31000502A-F00

Used for lighting control, blind control, air-conditioning, heating and security systems. KNX Certified products will communicate with each other to ensure the smooth functioning and easy expansion of systems and creates a comfortable, efficient & safe environments.



Construction

Conductor Material Pair Insulation Material Number of Pairs Fillers Overall Tape Drain Wire Overall Screen 1st Inner Sheath Material 1st Inner Sheath Material 2nd Inner Sheath Material 2nd Inner Sheath Colour Armour Outer Sheath Material Outer Sheath Colour Core Identification

Electrical Characteristics

Nominal Conductor Resistance Insulation Resistance Voltage Rating Test Voltage

Physical Characteristics

Overall Diameter Min Bend Radius Temperature Rating Weight

Standards

RoHS3 Compliant UV & Weather Resistant CE Compliant CPR Classification

- : Bare Copper, (1/0.8mm)
- : Polyethylene (PE)
- : 2
- : Cotton Thread
- : Polyester
- : Tinned Copper (7/0.16mm)
- : Overall Aluminium Foil (100% Coverage)
- : Low Smoke Halogen Free (LSHF)
- : Green
- : Polyethylene (PE)
- : Black
- : Galvanised Steel Wire Armour (SWA)
- : Polyethylene (PE)
- : Black
- : Red & Black, Yellow & White

: < 38.5 Ω/km

- :>200MΩ.M
- : 450/750V Applies to CE marked FSC branded stock only
- : 2.5kV for 5 minutes
- : 13.0 ± 0.4mm : 10 x OD
- : -10°C to +70°C
- : 300 kg/km

: Yes : ISO 4892-3 : LVD (2014/35/EU) : Fca (EN50575:2014+A1:2016)





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