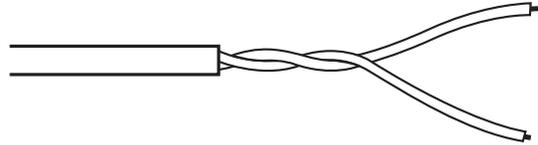


Description

This BUS-SCS halogen-free cable has been purposely designed and manufactured for laying in areas with more strong fire hazards. The cable is intended for use in construction works subjected to fire resistance regulations: it is in fact a Cca-s1b, d1, a1 class type cable according to EN 50575, as required by EU regulation NO. 305/2011. This cable is used to distribute all the power supplies and operating signals to the BUS devices of the system. It consists of a white external sheath and two 0,56 mm² section brown and brown/white flexible twisted conductors. It is sold in 500 m drum.

The white BUS-SCS cable is suitable for underground installation in appropriate conduits.



Technical data

Insulation voltage:	400 V
Underground installation:	YES inside appropriate protective conduits
Colour of the external sheath:	white (RAL 9010)
Diameter of the external sheath:	7.3 +/- 0.1 mm
Number of internal conductors:	2 sheathed unshielded twisted flexible conductors
Colour of internal conductors:	brown – brown/white
Conductor material:	red electrolytic copper
Conductor section:	0.56 mm ² (7 x 0.32 mm ²)
Operating temperature:	(-15) – (+70) °C
Max. short circuit temperature:	150 °C
Coil length:	500 m in drum

Standards, certifications, marks

Reference standards. The cable meets the requirements of the standards: EN50290, EN50395, EN50575.

Installation notes

Cable underground installation

The 0 492 75 BUS/SCS cable can be installed underground (protected inside appropriate conduits), together with other signal cables, for voltages <50V.

Installation of cable 0 492 75 together with power cables with energies >50V is strictly forbidden. Failure to comply with the installation requirements shall entitle Legrand to reject all liabilities on the operation of the systems installed.

Cohabitation with other cables

Although the construction of the white cable guarantees the necessary electrical insulation for cohabitation with 400 V system cables, there is no guarantee of immunity from electromagnetic disturbance, which may occur when the cable is installed inside the same conduits as the energy cables. It is therefore strongly recommended that the white BUS/SCS cable and the power cables are installed in different conduits.