

Description

This cable is used for the distribution of the power supplies and the operating signals to all BUS system devices.

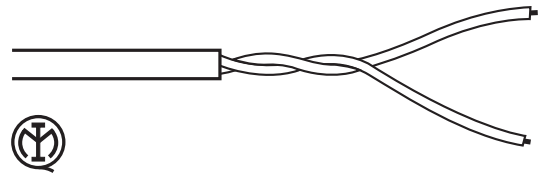
The cable consists of a white external sheathing and two twisted flexible conductors with a section of 0.5 mm², one brown and one brown/white.

The cable is sold in 200 m coils.

It is thus suitable to be used:

- in the open air, inside trunkings, passage-ways and pipes
- inside walls with suitable pipes.
- laid underground by means of suitable pipes

The white SCS-BUS cable is suitable for underground installation



Technical data

Insulation voltage:	450/750 V
Can be buried:	YES (see installation notes)
External sheath colour:	white (RAL 9010)
External sheath diameter:	5.0 +/- 0.1 mm
External sheath thickness:	0.7 mm
External sheath material:	PVC (RZ)
Number of internal conductors:	2 unshielded twisted flexible conductors with sheath
Colour of internal conductors:	brown – brown/white
Sheath thickness of internal conductors:	0.40 mm
Sheath diameter of internal conductors:	1.70 mm
Sheath material of internal conductors:	XLPE polyethylene
Conductor material:	red electrolytic copper
Conductor section:	0.50 mm ² (16 x 0.20 mm ²)
Operating temperature:	(-15) – (+70) °C
Coil length:	200 m

Standards, Certifications, Marks

Reference standards: - It complies with the tests required by the following standards: EN60811, EN50289, EN50290, EN60228, EN50265-2-1, EN50395, EN50396 as described in the IMQ CPT 062 document.

Marks obtained: 

Installation notes

Underground cable installation

The 336904 BUS SCS cable can be installed underground (protected using appropriate piping), together with other signalling cables, provided the voltage is <50V.

It is however strictly forbidden to install the 336904 cable in the same conduit as power supply cables with voltages >50V. Failure to comply with the installation requirements will relieve BTicino of all responsibilities for the operation of the system installed.

Installation together with other cables

Although the construction of the white cable guarantees the necessary electrical insulation level for installation together with 450/750 V system cables, it is however not capable of guaranteeing immunity from any electromagnetic disturbances that may occur when installed in the same conduits used for the power supply cables.

It is therefore strongly recommended that the white BUS/SCS cable and the power supply cables are installed in separate conduits.