

Description

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

The cable consists of a grey external sheathing and two twisted flexible conductors with a section of 0.35 mm², one blue and one white.

The cable is sold in 2 different type of coils:

- 100 m coil, item L4669
- 500 m coil, item L4669/500
- 1000 m coil, item L4669KM1

The cable has 300/500 V insulation. Using the clear clamp protections included in all the devices, the systems can also be installed in the same boxes and ducts as the power lines (110 Vac, 127 Vac and 230 Vac).

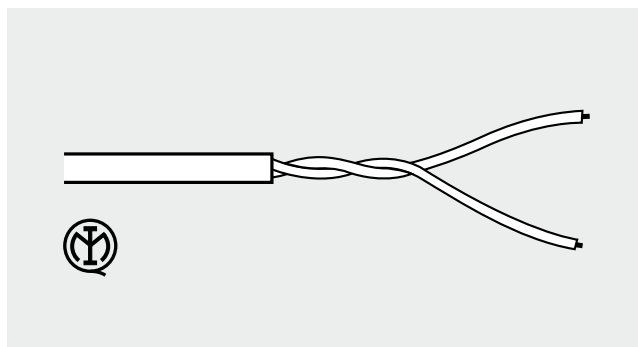
The grey BUS/SCS cable is not suitable for underground installation.

Technical data

Insulation voltage:	300/500 V
Can be buried:	NO
External sheath colour:	grey (RAL 7001)
External sheath diameter:	5.5 +/- 0.1 mm
External sheath thickness:	0.8 mm
External sheath material:	PVC (RZ)
Number of internal conductors:	2 unshielded twisted flexible conductors with sheath
Colour of internal conductors:	white and blue
Sheath thickness of internal conductors:	0.60 mm
Sheath diameter of internal conductors:	PVC (RZ)
Conductor material:	red electrolytic copper
Conductor section:	0.35 mm ² (12 x 0.20 mm ²)
Operating temperature:	15 - 70 °C
Maximum short circuit temperature:	150 °C
Coil length:	100 m or 500 m

Standard, Certification, Marks

Reference standards: It complies with the tests required by the following regulations: EN60811, EN50289, EN50290, EN60228, 50265-2-1, EN50395, EN50396 as described inside the IMQ CPT 062 document

**Warning**

Although the construction of the grey cable ensures 300/500 V category electric insulation, correct system operation is not guaranteed when installed together with the power cables in the following cases:

- industrial environments,

In residential/service sector environments, when the power cables provide power supply to:

- lift,
- inverters,
- pumps,
- motors and controlled motors,
- metal iodines lamps.