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L4669/500

Sheathed pair made up of 2 flexible wires with unshielded plaited sheath - insulation 300/500 V - complies with standards CEI 46-5 and CEI 20-20 - coil length 500 metres

Technical features

Brand	BTicino
Length	500m
Diameter	5mm
Series	MyHome

Documentation

-  [Technical Data Sheet](#)
-  [Technical guide](#)
-  [Brochure](#)
-  [Living Now english catalogue](#)

Certificazioni

GROUP BRAND LEGRAND: | **bticino** | **IME** | Netatmo |

We, Bticino S.p.A Viale Borri 231 21100 Varese (Italy), declare that all items listed in Bticino catalogues, have been manufactured in compliance with the principal elements of safety objectives of European Directive said LVD: 2014/35/EU: 26 February 2014 and, where requested, also in compliance with essential protection requirements of electromagnetic compatibility according to European Directive 2014/30/EU: 26 February 2014, and/or where requested also in compliance with 1995/5/CE: 9 March 1999 "R&TTE" or where requested also in compliance with 2014/53/EU: 16 April 2014 "RED". Bticino S.p.A. products are in compliance with the standard published by the International Electrotechnical Commission (IEC). The compliance can be proved by Certificates issued by organizations recognized by IEC according to the CB-scheme. Our items comply with relevant European Product- Standards and show, whether provided, CE marking, they have been constructed in accordance with good engineering practice in safety matters in force in the Community, they do not endanger the safety of persons, domestic animals or property when properly installed and maintained and used in applications for which they were made.

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.

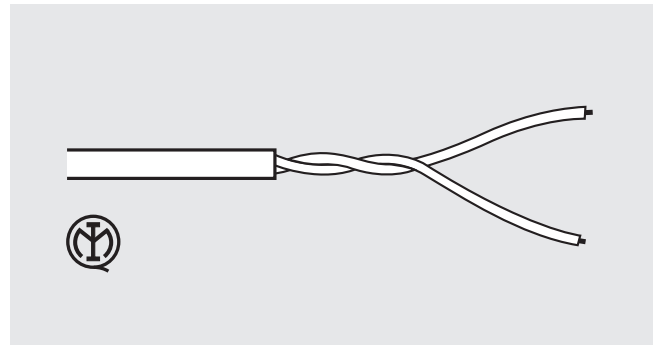
Technical data

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 - the cables comply with the tests described in the EN 60332-1-2 and IMQ-CPT-024 standards.

Marks obtained : 

**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.