

## PSS SB BUSCABLE LC

### Technical details

<b>General</b>	
Approvals	-
<b>Electrical data</b>	
Rated voltage	
Rated voltage UB	<b>30 V</b>
Test voltage	<b>1.500 V</b>
Typ. conductor resistance data conductor cable K1	<b>86,1 Ohm/km</b>
Typ. conductor resistance supply conductor cable K1	<b>53,4 Ohm/km</b>
Cable insulation resistance K1	<b>200 MOhm x km</b>
Characteristic impedance K1	<b>100 - 120 Ohm</b>
<b>Environmental data</b>	
Ambient temperature	
Temperature range	<b>-20 - 80 °C</b>
<b>Mechanical data</b>	
Cable type K1	<b>TP-(ST)-C-PUR-H</b>
Material of shield surface cable K1	<b>Sn</b>
Max. cable diameter K1	<b>6,35 mm</b>
Colour of external cable insulation K1	<b>Signal yellow, RAL1003</b>
Min. bending radius (for laying) K1	<b>5 x Ø</b>
Min. bending radius (for constant movement) K1	<b>15 x Ø</b>
Cable insulation material K1	<b>PUR</b>
Suitable for drag chains K1	<b>No</b>
Cable diameter K1	<b>6,1 mm</b>
Insulating cover for data conductor K1	<b>TPE-E</b>
Insulating cover for supply conductor cable K1	<b>PP</b>
Conductor cross section of data conductor AWG K1	<b>24</b>
Conductor cross section of supply conductor AWG K1	<b>22</b>
Conductor cross section of shield AWG K1	<b>22</b>
Conductor cross section of data conductor K1	<b>2 x 0,24 mm<sup>2</sup></b>
Conductor cross section of supply conductor K1	<b>2 x 0,37 mm<sup>2</sup></b>
Conductor cross section of shield K1	<b>1 x 0,37 mm<sup>2</sup></b>
Wire diameter of data cable K1	<b>1,75 mm</b>
Wire diameter of supply cable K1	<b>1,2 mm</b>
Wire colour K1	<b>Red, white, green, brown</b>
Stranding K1	<b>2 x twisted pair</b>
Shielding K1	<b>Yes</b>
Shield type K1	<b>Wire mesh</b>
Wire layer separation K1	<b>Yes</b>
No. of wires K1	<b>5</b>

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### Mechanical data

Approval cable K1	<b>UL AWM-Style 20236</b>
Weight	<b>65 g</b>

The stated weight applies per metre of cable.

### Order reference

Product type	Features	Connector X1	Connector X2	Order no.
PSS SB BUSCABLE LC				311 074