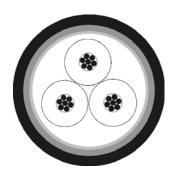
RoHS

SafetyBUS FRNC + PUR



Type Cable structure

Inner conductor diameter:

Core insulation:

Core colours:

Stranding element:

Shielding 1:

Shielding 2:

Total shielding:

Outer sheath material:

Cable external diameter:

Outer sheath colour:

Electrical data

Characteristic impedance: Conductor resistance: Insulation resistance: Mutual capacitance: Nominal voltage:

Test voltage: Attenuation:

Technical data

Weight:

Min. bending radius for laying: Operating temperature range min.: Operating temperature range max.:

Caloric load, approx. value:

Copper weight:

Norms

Applicable standards:

HELUKABEL SafetyBus

Fixed installation, indoor 3x0,75 mm² (stranded)

Copper, bare (AWG 18/24)

wh, bn, gn

Triple core

Polyester foil over stranded bundle

Cu braid, tinned

FRNC

approx. $7.5 \text{ mm} \pm 0.3 \text{ mm}$ Yellow similar to RAL 1003

110 0hm ± 10 0hm 26,0 0hm/km max. 0,20 G0hm x km min. 45,0 nF/km nom.

250 V 3,0 kV

MHz < 1,6dB/Km 1 5 MHz < 3.4dB/Km 10 MHz < 5,6 dB/Km

MHz < 7,5 16 dB/Km

approx. 68,0 kg/km

60,0 mm -25°C +80°C 0.72 MJ/m

50.0 kg/km

Drag chain applications 3x0.75 mm² (stranded)

Copper, bare (AWG 18/24)

wh, bn, gn Triple core

Polyester foil over stranded bundle

Cu braid, tinned

approx. $7.5 \text{ mm} \pm 0.3 \text{ mm}$ Yellow similar to RAL 1003

110 0hm ± 10 0hm 26,0 Ohm/km max. 0,20 G0hm x km min. 45,0 nF/km nom. 250 V

3,0 kV

MHz < 1,6dB/Km 1 5 MHz < 3.4dB/Km 10 MHz < 5,6 dB/Km MHz < 7,5 16 dB/Km

approx. 65,0 kg/km

60,0 mm -40°C +80°C 0.76 MJ/m 50,0 kg/km

abutted at SafetyBUS p technical guidelines abutted at SafetyBUS p technical quidelines copper wires 1.0

Application

SafetyBUS p is an open bus system for the serial transfer of safety-related data. It is based on the CAN (Controller Area Network) protocol. From this technology benefit the users in several areas like the automotive industry or the process automation. The above mentioned types are suitable for fixed installations and as well as for drag chains (PUR).

Part no. 800651, SafetyBus p 800652. SafetyBus p

copper wires 1.0

Dimensions and specifications may be changed without prior notice.





