

A-BUS, LON-BUS, MOD-BUS

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

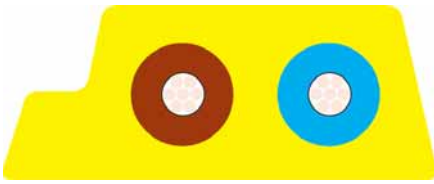
| | | | |
|-----------------------------|---------------------------------|--------------------------------|---------------------------|
| Алматы (7273)495-231 | Казань (843)206-01-48 | Новокузнецк (3843)20-46-81 | Смоленск (4812)29-41-54 |
| Архангельск (8182)63-90-72 | Калининград (4012)72-03-81 | Новосибирск (383)227-86-73 | Сочи (862)225-72-31 |
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| Барнаул (3852)73-04-60 | Кемерово (3842)65-04-62 | Орел (4862)44-53-42 | Сургут (3462)77-98-35 |
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| Воронеж (473)204-51-73 | Магнитогорск (3519)55-03-13 | Самара (846)206-03-16 | Уфа (347)229-48-12 |
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| Иркутск (395)279-98-46 | Нижний Новгород (831)429-08-12 | Симферополь (3652)67-13-56 | Ярославль (4852)69-52-93 |
| Россия (495)268-04-70 | Киргизия (996)312-96-26-47 | Казахстан (7172)727-132 | |

BUS Cables

A-BUS TPE, UL CMG

HELUKABEL®

TPE 105°



Type Cable structure

Inner conductor:
Core insulation:
Core colours:
Separator:
Shielding 1:
Total shielding:
Outer sheath material:
Outer sheath colour:

Mobile use 2x1.5 mm²

Copper, tinned
TPE
bu, bn
-
-
-
TPE
Yellow

Mobile use 2x1.5 mm²

Copper, tinned
TPE
bu, bn
-
-
-
TPE
Black

Electrical data

Conductor resistance, max.:
Insulation resistance, min.:
Loop resistance:
Nominal voltage:
Test voltage:

13,7 Ohm/km
1 GOhm x km
27,4 Ohm/km max.
32 V
1,5 kV at 15 min.

13,7 Ohm/km
1 GOhm x km
27,4 Ohm/km max.
48 V
1,5 kV at 15 min.

Technical data

Weight:
bending radius, repeated:
Operating temperature range min.:
Operating temperature range max.:
Caloric load, approx. value:
Copper weight:

app. 71 kg/km
24 mm
-40°C
+105°C
1,10 MJ/m
31,00 kg/km

app. 70 kg/km
24 mm
-40°C
+105°C
1,10 MJ/m
31,00 kg/km

Norms

Applicable standards:
UL Style:
CSA standard:

ASI standard
Flame-retardant acc. to IEC 60332-1-2
CL2 CMG
CSA FT 4

ASI standard
Flame-retardant acc. to IEC 60332-1-2
CL2 CMG
CSA FT 4

Application

HELUKABEL® A-Bus TPE UL/CSA for demanding temperature requirements up to 105 °C and with improved flame retardance specifically for the American market. The special outer sheath makes the cable resistant to many oils, greases and cooling lubricants and thus suitable for applications in wet surroundings, in machinery and plant construction as well as in the machine tool and automotive industries.

Part no.

805693, A-BUS UL

805694, A-BUS UL

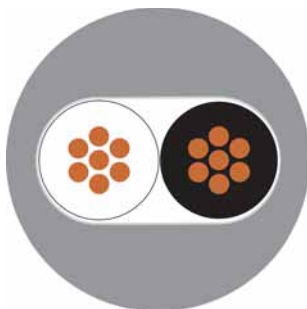
Dimensions and specifications may be changed without prior notice.

BUS Cables

LON BUS H116

 **HELUKABEL®**

FRNC



Type

Cable structure

Inner conductor diameter:
Core insulation:
Core colours:
Stranding element:
Separator:
Shielding 1:
Total shielding:
Outer sheath material:
Cable external diameter:
Outer sheath colour:

Fixed installation, indoor

1x2xAWG 16/19

Copper, tinned (AWG 16/19)
PE
wh, bk
Double core
Polyester foil over stranded bundle
-
-
FRNC
app. 7,0 mm ± 0,4 mm
Grey similar to RAL 7001

Electrical data

Characteristic impedance: 85 Ohm ± 15 %
Conductor resistance, max.: 15,8 Ohm/km
Insulation resistance, min.: 0,02 GOhm x km
Loop resistance: 31,6 Ohm/km max.
Mutual capacitance: 82 nF/km nom.
Nominal voltage: 300 V
Test voltage: 2 kV

Technical data

Weight: app. 65 kg/km
bending radius, repeated: 85 mm
Operating temperature range min.: -20°C
Operating temperature range max.: +70°C
Caloric load, approx. value: 1,25 MJ/m
Copper weight: 30,00 kg/km
Applicable standards: Halogen-free acc. to 60754-1
Flame-retardant acc. to IEC 60332-1-2

Application

HELUKABEL® LON BUS H116 FRNC fixed installation indoor acc. DIN EN 50090-2-2 (VDE 0892 Teil 2-2:1997-06).

Part no.

805661, LON H116

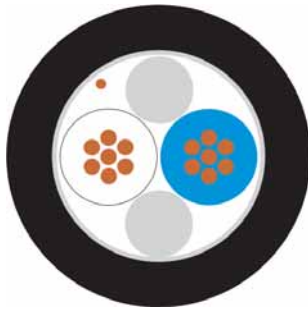
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BUS Cables

MOD-BUS fixed installed

 **HELUKABEL®**

PVC + armoured



Type Cable structure

Inner conductor diameter:
Core insulation:
Core colours:
Stranding element:
Separator:
Inner sheath material:
Shielding 1:
Total shielding:
Drain wire:
Armouring:
Outer sheath material:
Cable external diameter:
Outer sheath colour:

Fixed installation, indoor 1x2x0,75-105 LI

Copper, bare (AWG 19)
PE
wh, bu
2 cores + 2 fillers stranded together
Polyester foil over stranded bundle
-
Al-Foil
-
yes
-
PVC
app. 7,5 mm ± 0,3 mm
Black similar to RAL 9005

Fixed installation, indoor 1x2x0,75-105 LI armoured

Copper, bare (AWG 19)
PE
wh, bu
2 cores + 2 fillers stranded together
Polyester foil over stranded bundle
PVC
Al-Foil
-
yes
Steel band
PVC
app. 10,0 mm ± 0,5 mm
Black similar to RAL 9005

Electrical data

Characteristic impedance:
Conductor resistance, max.:
Insulation resistance, min.:
Loop resistance:
Nominal voltage:

105 Ohm ± 20 Ohm
25 Ohm/km
1 GOhm x km
50 Ohm/km max.
300 V

105 Ohm ± 20 Ohm
25 Ohm/km
1 GOhm x km
50 Ohm/km max.
300 V

Technical data

Weight:
bending radius, repeated:
Operating temperature range min.:
Operating temperature range max.:
Copper weight:
Applicable standards:

app. 70 kg/km
80 mm
-30°C
+70°C
28,00 kg/km
Flame-retardant acc. to IEC 60332-3

app. 130 kg/km
200 mm
-30°C
+70°C
28,00 kg/km
Flame-retardant acc. to IEC 60332-3

Application

HELUKABEL® MOD-Bus PVC for standard application in this industry network.

Part no.

805698, MOD-Bus Single Pair

805697, MOD-Bus Single Pair armoured

Dimensions and specifications may be changed without prior notice.

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