

UNITRONIC® BUS CAN TRAY

PLTC-ER approval for free, open cabling on cable tray according to NEC. UV-resistant UL SUN RES, oil-resistant according to UL OIL RES I, flame-retardant according to CSA FT4

Info

CAN = Controller Area Network

LAPP KABEL STUTTGART UNITRONIC® BUS CAN TRAY 



UV-resistant



Oil-resistant



Industrial machinery and plant engineering



Automation & fältinstallation



Flame-retardant

Benefits

PLTC-ER approval for open wiring between cable tray and industrial machine/plant according to NEC article 725.154 (D)
No additional protection of the cable needed

Application range

Fixed installation

UNITRONIC® BUS CAN TRAY

Product features

Maximum bit rate: 1 Mbit/s for 40 m

Bus length

ISO 11898 makes recommendations for the segment length, cable cross-section and bit rate

UV-resistant UL SUN RES

Oil-resistant according to UL OIL RES I

Flame-retardant according to CSA FT4

UL Vertical-Tray Flame Test

Norm references / Approvals

Standardised internationally in ISO 11898

c(UL)us type CMG (75°C) according to UL 444 / CSA 22.2

UL type PLTC-ER according to UL 13

Product Make-up

7-wire strand made of bare copper wires

Colour code in accordance with DIN 47100

Copper braiding

PVC inner sheath and outer sheath

Colour: violet (RAL 4001)

Technical Data

Classification:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Mutual capacitance:	(800 Hz) max. 40 nF/km
Peak operating voltage:	(not for power applications) 250 V Nominal voltage: 600 V (UL)
Conductor resistance:	(loop): max. 110.8 ohm/km
Minimum bending radius:	Fixed installation: 8 x outer diameter Flexing: 15 x outer diameter
Test voltage:	Core/Core: 2000 V
Characteristic impedance:	120 ohm
Temperature range:	Fixed installation: -40°C to +80°C Flexing: -10°C to +70°C

Note

Unless otherwise specified, the product values shown are nominal values. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

Copper price basis: EUR 150/100 kg; see catalogue appendix T17 for the application and definition of "Metal price basis" and "Metal index"

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging: Ring ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred packaging (e.g. 1 x 500 m drum or 5 x 100 m rings)

Photographs are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.



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Article number	Article designation	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index [kg/km]	Weight [kg/km]
2170857	UNITRONIC® BUS CAN TRAY	2 x 2 x 0.34	7.5	35	81

Last Update (15.06.2017)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.
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