UNITRONIC® BUS CAN TRAY

CAN Bus cable with PLTC-ER approval - for open wiring between cable trays and industrial machines

PLTC-ER approval for free, open wiring on cable tray acc. to NEC. UV-resistant, oil resistant, flame retardant. Temperature range from -40°C to +80°C

Info
CAN = Controller Area Network

UV-resistant

Oil-resistant

Mechanical and plant engineering

Kompletterande automationskomponenter från Lapp

Flame-retardant

Benefits
PLTC-ER approval for open wiring between cable tray and industrial machines/plants acc. to NEC 725.154 (D)
No additional protection of the cable needed

Application range
Fixed Installation

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You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

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Product features
Maximum bit rate: 1 Mbit/s for 40 m
segment 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 Typ CMG (75°C) acc.to UL 444 / CSA 22.2
UL Type PLTC-ER acc. to UL 13

Product Make-up
7-wire bare stranded copper conductor
Core insulation: foam skin
Inner sheath: PVC
Copper braid
Outer sheath: PVC, violet (RAL 4001)

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000830 ETIM 6.0 Class-Description: Data cable
Mutual capacitance:	(800 Hz) max. 40 nF/km
Peak operating voltage:	(not for power applications) 250 V Rated 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 specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum
Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).
Photographs and graphics 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 mm² 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

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