



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

- CAN = Controller Area Network



Product description

Application range

- Fixed installation

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

Product Make-up

- 7-wire bare stranded copper conductor
- Colour-coded in accordance with DIN 47100
- Copper braid
- PVC inner sheath and outer sheath
- Colour: violet (RAL 4001)

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 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

Technical Data

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
Temperature range	Fixed installation: -40°C to +80°C
	Flexing: -10°C to +70°C
Characteristic impedance	120 ohm