



DATA SHEET	0066202
UNITRONIC® LiYCY (TP) UL/CSA (DIN colour code)	valid from : 17.01.2002

Application

UNITRONIC® LiYCY (TP) UL/CSA is a twisted paired, screened, flexible cable with UL and CSA approval. Cables with SR- PVC (Semi Rigid) insulation have additional CSA Wet Rating 75°C approval. UNITRONIC® LiYCY (TP) UL/CSA is for internal and external wiring of electronic components, equipments and plants, especially for the export to North American markets or to countries in which cables approved by UL/CSA are in extended use. The cable is for flexible use and for static laying in dry and damp interiors intended.

The make-up and the dimensions of UNITRONIC® LiYCY (TP) UL/CSA are in acc. with following regulations partly in analogy with them.

Conductor	UL Style 1061	AWG26, 0.14 mm ²	(7 x 0.16)	tinned
		AWG24, 0.22 mm ²	(7 x 0.2)	tinned
	UL Style 1007	AWG22, 0.34 mm ²	(7 x 0.25)	tinned
		AWG20, 0.5 mm ²	(7 x 0.3)	tinned
		AWG19, 0.75 mm ²	(19 x 0.22)	tinned
		AWG18, 1.0 mm ²	(19 x 0.254)	tinned
		AWG16, 1.5 mm ²	(19 x 0.32)	tinned
Insulation	Semi-Rigid PVC	AWG 26, AWG 24		
	UL Class 12 PVC	AWG 22, to AWG 19		
Cable design	acc. to UL Style 2464			
Colour code	DIN 47 100			
Jacket	PVC UL Class 43, colour: chrome grey			

Technical Characteristics

Nominal voltage	300 V AC
Test voltage	1500 V AC
Permissible temperature range	static: - 30 °C to + 80 °C
Flame propagation	flame retardant to VDE 0482, part 265-2-1 / IEC 60 332.1 / CSA FT 1
Minimum bending radius	moved: 15 x diameter of cable

At room temperature UNITRONIC® LiYCY (TP) UL/CSA is largely resistant to the action of acids, caustic solutions and certain oils.

Marking on the sheath

For cables with SR PVC-insulation (gross section AWG 26, AWG 24):

LAPP KABEL UNITRONIC® LiYCY (TP) ... x ..AWG  AWM STYLE 2464 80°C 300V VW1 E
CSA AWM I/IIA/B 80°C 300V FT1 W75C LL

For cables with Class 12 PVC insulation (cross section AWG 22 to AWG 19):

LAPP KABEL UNITRONIC® LiYCY (TP) ... x ..AWG  AWM STYLE 2464 80°C 300V VW1 E
CSA AWM I/IIA/B 80°C 300V FT1 LL

elaborated by: TE-K:	Document: DB0066202_2EN	page 1 of 1
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