



DATA SHEET	0044602
UNITRONIC® LiYCY UL/CSA	gültig ab : 05.02.2008

Application

UNITRONIC® LiYCY UL/CSA is a flexible cable with UL and CSA approval. UNITRONIC® LiYCY 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, but not for use outside and in power chains.

Design

Conductor	multiple wire strands of tinned copper wires		
	UL Style 1061	AWG 26, 0,14 mm ² AWG 24, 0,23 mm ²	(7 x 0,16) (7 x 0,2)
	UL Style 1007	AWG 22, 0,34 mm ² AWG 20, 0,5 mm ² AWG 19, 0,75 mm ² AWG 18, 1,0 mm ² AWG 16, 1,5 mm ²	(7 x 0,25) (7 x 0,3) (19 x 0,22) (19 x 0,254) (19 x 0,32)
Insulation	Semi-Rigid PVC UL Class 12 PVC	AWG 26, bis AWG 24 AWG 22, bis AWG 16	
Coding	to DIN 47100		
Stranding	cores twisted in layers, wrapping by plastic foil		
Screening	braid of tinned copper, coverage approx. 85%		
Sheath Color	PVC compound acc. to UL Class 43 chrome grey (RAL 7005)		

Technical data

Specific insulation resistance	>20 GΩ x cm		
Operating Voltage (not for power purposes)	300 V		
Test voltage	1500 V		
Flame propagation	flame retardant to IEC 60 332-1-2, UL VW 1 and CSA FT 1		
Minimum bending radius	moved	15 x cable Ø	
Temperature range	static	-30 bis +80 °C	

Design and electrical characteristics similar to Standard VDE 0812
 Approbation UL Style 2464, CSA AWM I/II A,B 80°C, 300 V

RoHS directive This cable confirms to RoHS directive (2002/95/EG)

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