



ELECTRICAL
MECHANICAL
INSULATION

CSNUSA
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Street Lighting Kit

CSLK

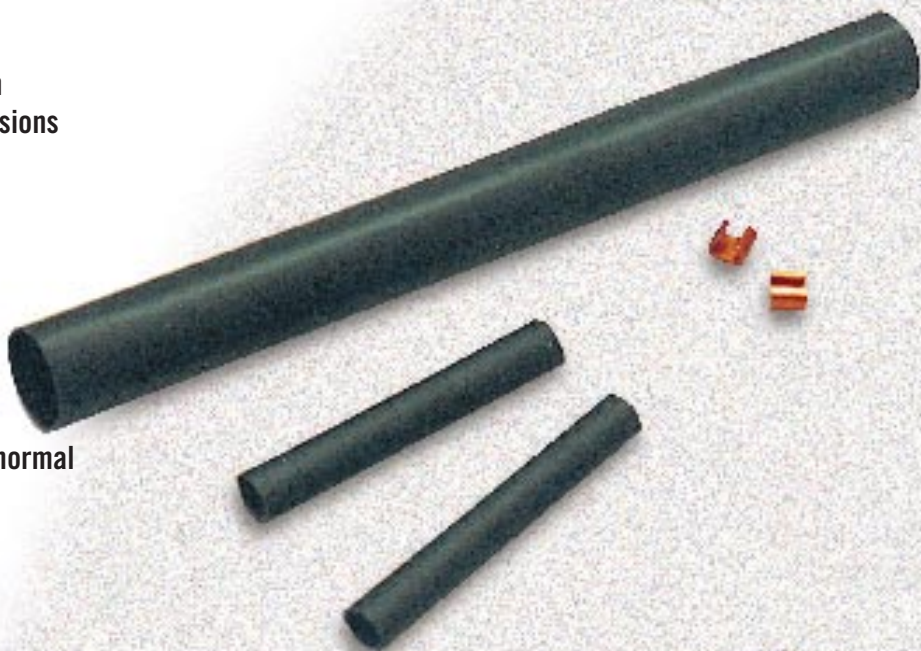


CSLK

Street Lighting Kits are a convenient method for the installation, maintenance, and repair of street lighting systems

Features

- Excellent insulation, sealing and strain relief for splice repairs or cable extensions
- Thermoplastic Adhesive Liner provides complete environmental protection and insulation
- High impact and abrasion resistance
- Kits can be installed at temperatures as low as -40°C
- Tubing will not split or rupture during normal installation, even when overheated.
- Continuous operating temperature: -55°C to 110°C
- Shrink temperature: 120°C



Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM D412, ISO 37	2100 psi (14.5MPa)
Elongation	ASTM D412, ISO 37	550%
Longitudinal Change	ASTM D2671	+1%, -10%
Specific Gravity	ASTM D792, ISO R1183	1.1
Elongation after Heat Aging (168 hrs at 150°C)	ASTM D2671, ISO 37	500%
Heat Shock (4hrs at 225°C)	ASTM D2671	No cracking or flowing
Low Temperature Flexibility (4hrs at -55°C)	ASTM D2671	No cracking
Hardness (Shore D)	ASTM D2240	50D

Electrical

Dielectric Strength	ASTM D149/ IEC 243	500 V/Mil (20kV/mm)
Dielectric Voltage Withstand (2500V, 60Hz, 1 min.)	UL 486D	No Breakdown
Volume Resistivity	ASTM D257	10 ¹⁵ ohm-cm

Chemical

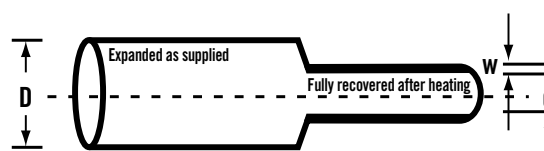
Fluid Resistance	MIL-DTL-23053/5, ISO 1817, ISO 37	Good to Excellent
Copper Corrosion	ASTM D2671	No Corrosion
Water Absorption	ASTM D570	0.1%
Fungus Resistance	ASTM G21	No Growth

Adhesive

Adhesive softening point	ASTM E28	92°C +- 5°C
Adhesive peel strength (300mm/min at 23°C)	ASTM D1000	
- to steel, alum, P.E.	ASTM D1000	35 pli
- to PVC	ASTM D1000	20 pli
Adhesive Lap Shear (1in./min at 23°C)	ASTM D1002 (mod)	125 psi (0.875 MPa)
Adhesive Blocking (30°C)	ASTM D1146	No blocking
Water Penetration	STM 706	No penetration after 286 hrs. (min) of continuous immersion.

Dimensions

ORDER REF. NO. XX	KIT DESCRIPTION	CONNECTOR TYPE
1	12 AWG/2 Conductor, Solid, 10 AWG/2 Conductor Stranded	2 each, "C" Type/Crimp
1A	12 AWG/2 Conductor, Solid, 10 AWG/2 Conductor, Stranded (W/GND)	3 each, "C" Type/Crimp



Ordering

Select the appropriate CSLK Street Lighting Kit from the chart above.

To Order:

Order Ref. No.
CSLK - XX

Contents: Each kit contains heat shrinkable sleeves and compression connectors.

Note: Custom sized kits are available upon request.

CANUSA-EMI

There's no end to what we cover

CANUSA-EMI is a global company providing electrical and mechanical insulation solutions for a variety of industries and applications. Starting from products created by extensive developmental research at Shaw Industries (incorporated 1955), CANUSA-EMI is a recognized world leader in the provisioning of high quality heat shrink products.

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