PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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Waukegan, IL 60085
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LWA - A85 - 001

Seoprene® 300V SJEOOW

Construction Parameters:

CONDUCTOR: 10 AWG Class K stranded bare copper per ASTM B-174
INSULATION MATERIAL TPE
INSULATION COLORS: Black
INSULATION PRINT: 1-ONE, 2-TWO (WHITE INK)
Conductor print interval is approximately 1.375" (3.49cm) between the first number and the second number, IE 1-ONE 1-ONE.
JACKET MATERIAL: TPE
JACKET COLOR: Black
PRINT LEGEND: CCI SEOPRENE 105 10 AWG (5.26 mm^2) 2/C SJEOOW E54864-L (UL) 300V -50C TO 105C -- CSA LL39753
SJTOOW (TPE) 300V -50C TO 105C FT2 WATER RESISTANT P241-3-MSHA

PHYSICAL PROPERTIES:

TEMPERATURE RANGE -50°C to 105°C
WATER RESISTANT: Yes

ELECTRICAL PROPERTIES:

VOLTAGE RATING: 300V rms, Max

Industry Approvals:

- o UL Standard 62
- o CSA Standard C22 2 No. 49
- o NEC Article 501.140 Class I Div. 2
- o NEC Article 400
- o Federal Spec JC580
- o Passes CSA FT2 Flame Test
- o MSHA
- o EPA 40 CFR, Part 26, Subpart C, heavy metals per Table 1, TCLP method

Part Number	AWG	No. Cond.	Stranding	Insulation Wall, Nom.		O.D., Nom.		Net Weight		Amps*	Nom. DCR Ω/1M'
				Inches	mm	Inches	mm	Lb./kft.	kg/km		
23299	10	2	104/30	0.045	1.14	0.545	13.84	155	231	30	0.98

Note: All dimensions & weights are nominal subject to industry standards and tolerances unless otherwise noted.

** Ampacity based on NEC Table 400.5(A) and CEC Table 12.*

This product complies with European Directive 2002/95/EC (RoHS)
The customer will accept all factory lengths and +/- 10 percent of total order requested

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Customer Company Name: _____ Date: 10/11/10

Customer Approval: _____ Customer Title: _____

Specification Issue Date: October 6, 2010

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