Product: 34401



Lead Wire, #1 Str TC, CSPE Ins, AWM 3193

Request Sample

Product Description

Low Temp Rubber Lead Wire, 1AWG (210x24) Tinned Copper, CSPE Insulation, AWM 3193 CSA TYPE CL1052 600V 105C

Technical Specifications

Product Overview

Suitable Applications:	Class 130(B) motor lead systems, internal wiring of appliances, oil resistance applications

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	1	210x24	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
CSPE - Chlorosulphonated Polyethylene	0.091 in (2.3 mm)	0.557 in (14.1 mm)

Overall Cable Diameter (Nominal):	0.557 in (14.1 mm)

Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS (UL AWM 3193), 300 V RMS (CSA CL1052)

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-30°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
2.23 in (56.6 mm)	2.23 in (56.6 mm)

Max. Pull Tension:	1303 lbs (591.0 kg)
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C)
Bulk Cable Weight:	368 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
AWM Compliance:	AWM 3193
CEC / C(UL) Compliance:	CL-1052
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	Separator material over conductor.

History

Update and Revision:	Revision Number: 0.450 Revision Date: 07-03-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
34401 01050	Black	Reel	50 ft	612825143673	
34401 010100	Black	Reel	100 ft	612825143659	C
34401 010250	Black	Reel	250 ft	612825143666	C F

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