Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION

31512 Hook-up/Lead - UL AWM Style 3046

For more Information please call

1-800-Belden1

General Description:

Neoprene insulation has good heat aging characteristics and is an excellent low-cost motor lead wire. It may be considered for use in hazardous locations and is being used in explosion-proof motors recognized by UL.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	12	65x30	TC - Tinned Copper

Total Number of Conductors:	1

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
Neoprene	1.143

Overall Insulation

Overall Cable

Overall Nominal Diameter:	4.826 mm

Mechanical Characteristics (Overall)

Non-UL Temperature Rating:	90°C
Recommended Maximum Baking Cycles:	24 Hours @ 300°F (149°C) ~ 8 Hours @ 325°F (163°C) ~ 15 Minutes @ 450°F (232°C)

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL AWM Style:	3046
UL Rating:	600 V, 90°C
CSA Rating:	600 V, 90°C
CSA Type:	CL903
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
31512 010250	250 FT	10.000 LB	BLACK	F	#12 STR CR 90C 600V
31512 0103000	3,000 FT	117.000 LB	BLACK	C I U	12 STR CR 90C 600V BLK

Notes:
C = CRATE REEL PUT-UP.
F = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'
I = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'
U = TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10000' PER COLORCOMBINATION. (SEE TOPCOAT ADDER TABLE)

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Revision Number: 1 Revision Date: 05-14-2007