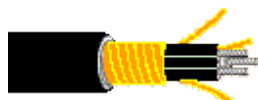


29520 Multi-Conductor - 1000V UL Flexible Motor Supply Cable



No longer Available
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For more Information
please call

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Description:

3 - 16 AWG stranded (7x24) tinned copper circuit conductors plus (3) symmetrical bare copper ground wires, XLPE insulation, two spiral copper tape shields (100% Coverage), sun- and oil-resistant PVC jacket.

Usage (Overall)

Suitable Applications: AC Motor Drives, VFD, Variable Frequency Drive

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	16	7x24	TC - Tinned Copper

Ground Wire

Ground Wire (Y/N):	Y
Ground Wire AWG:	18
Ground Wire Stranding:	7x26
Ground Wire Conductor Material:	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
XLPE - Cross Linked Polyethylene	0.031

Insulation Color Code Chart:

Number	Color
1	Black #1
2	Black #2
3	Black #3

Outer Shield

Outer Shield Material:

Layer #	Type	Outer Shield Material	Coverage (%)
1	Tape	Spiral Copper	100.000
2	Tape	Spiral Copper	100.000

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.398 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	+90°C Wet, -40°C To +90°C Dry
UL Temperature Rating:	90°C Wet/Dry
Bulk Cable Weight:	117.000 lbs/1000 ft.

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Max. Recommended Pulling Tension: 107.000 lbs.

Min. Bend Radius (Install)/Minor Axis: 4.000 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	TC-ER
NEC Articles:	336 - ER
CSA Specification:	600 V AWM I/II A/B
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	08/15/2007
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
PMSHA Specification:	P-07-KA070003

Flame Test

UL Flame Test:	UL1685 UL Loading
C(UL) Flame Test:	FT4
IEEE Flame Test:	1202, IEEE 383 Vertical Tray Flame Test (70,000 BTU)

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Burial:	Yes
Sunlight Resistance:	Yes
Oil Resistance:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.000

Max. Operating Voltage - UL:

Voltage

1000 V RMS (Flexible Motor Supply Cable)

600 V RMS (NEC Type TC)

Max. Operating Voltage - Other:

Voltage

600 V RMS (CSA AWM I/II A/B)

Max. Recommended Current:

Current

18 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Revision Number: 1 Revision Date: 04-06-2011

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