

ENGLISH MEASUREMENT VERSION

29529 Multi-Conductor - 1000V UL Flexible Motor Supply Cable



For more Information please call

1-800-Belden1



General Description:

3 stranded tinned copper circuit conductors plus (3) symmetrical bare copper ground wires, XLP 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 1/0 7x19x21 TC - Tinned Copper	
Total Number of Conductors:	3
Ground Wire	
Ground Wire (Y/N):	Υ
Ground Wire AWG:	4
Ground Wire Stranding:	7x19x25
Ground Wire Conductor Material:	BC - Bare Copper
Insulation	
Insulation Material: Insulation Material Wall Thickness (in.)	
XLP - Cross Linked Polyolefin 0.055	
Insulation Color Code Chart:	
Number Color	
1 Black and Numbered 1	
2 Black and Numbered 2	
3 Black and Numbered 3	
Outer Shield Outer Shield Material:	
Layer # Type Outer Shield Material Coverage (%) Description	
1 Tape Spiral Copper 100.000 .002"	
2 Tape Spiral Copper 100.000 .002"	
Outer Jacket	
Outer Jacket Material: Outer Jacket Material Nom. Wall Thickness (in.)	
PVC - Polyvinyl Chloride 0.083	
Overall Cable	
Overall Nominal Diameter:	1.290 in.
Mechanical Characteristics (Overall)	
Wet Temperature Range:	-40°C To +90°C
Dry Temperature Range:	-40°C To +90°C
Bulk Cable Weight:	1843 lbs/1000 ft.
Max. Recommended Pulling Tension:	2010 lbs.
Min. Bend Radius/Minor Axis:	12.900 in.
Applicable Specifications and Agency Compliance (C Applicable Standards & Environmental Programs	verall)
NEC/(UL) Specification:	TC-ER, WTTC, XHHW-2 Singles
NEC Articles:	336 - ER

Detailed Specifications & Technical Data



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CRCLOQU Specification: EUX Decision: EUX Decision: <td< th=""><th></th><th></th><th></th><th></th><th></th></td<>					
EU Directive 2011168/EU (ROMB II): Yes EU Directive 20039/EC (FLY): Yes EU Directive 20039/EC (RoMT): Yes III Order 239 (China RoMS): Yes III Order 230 (China RoMS): Yes III Order 230 (China RoMS): Yes III Order 249 (China RoMS): Yes III Order 249 (China RoMS): Yes III Order 240 (Order): Yes	CEC/C(UL) Specification:	6	00V Type RW90 TC		
EU Cé Mark: Yes EU Deschive 2002/SEC (EU/P): Yes EU Deschive 2002/SEC (RoHB): Yes EU RoHS Complexibile Data (mediadyyy): 11/03/2005 EU Deschive 2002/SEC (RoHB): Yes Phote Sec (RoHB): Yes Phote Sec (RoHB): Yes Other Sec (RoHB): Yes CG All rams Test: Ut (B80 UL Loading CG All rams Test: Ut (B80 UL Loading CG All rams Test: Ut (B80 UL Loading Stabability - Duristo: Yes Subability - Outdoor: Yes Outdoor: Yes Condortor On Subilita	CSA Specification:	1	000 V AWM I/II A/B		
EU Directive 2003/SEC (ELV): Yes EU Directive 2003/SEC (NCR5): Yes EU Directive 2003/REC (NCR5): Yes EU Directive 2003/REC (NCR5): Yes EU Directive 2003/REC (NCR5): Yes Mil Order 753 (Clin Nine & Cablo): Yes Statistiny: Duritati: Yes Statistiny	EU Directive 2011/65/EU (ROHS II):	Υ	es		
EU Directive 2002/39/EC (Pos/ES): Yes EU Directive 2002/39/EC (WEEE): Yes EU Directive 2002/39/EC (WEEE): Yes EU Directive 2002/39/EC (WEEE): Yes PUD Arefard 2003/ELC (For Wire & Cable): Yes PM 64A 5gen(Intentente): PUT Add/2000/0 Other 578 (Chine Roth): PUT Add/2000/0 Stability: Other 578 (Chine Roth):	EU CE Mark:	Y	es		
EUR RHS Compliance Data (mm/dd/yyy): 1100.2005 EU Directive 2023/BEC (WEEE): Yes EU Directive 2023/BEC (WEEE): Yes EU Directive 2023/BEC (WEEE): Yes CA Prop 86 (China Roh5): Yes PM Schart Specification: 1000/UL Pouble Motor Supply Cable File UL 1805 UL Loading GA Franz Test: UL 1805 UL Loading GA Franz Test: UL 2007 UL Fouble Motor Supply Cable EUE Fine Test: 1020 (UL Fouble Motor Supply Cable Suitability - Indoor: Yes Suitability - Indoor: Yes Suitability - Outdoor: Yes Suitability - Suitab	EU Directive 2000/53/EC (ELV):	Y	es		
EU Directive 2002/HEC (WEEE): Yes ED Directive 2002/HEC (MEEF): Yes CA Prop 65 (CJ for Wie & Cable): Yes Min Order 350 (Cin Rebris): Poi 7 AG07003 Other Specification: 10007 UL Fieddie Motor Supply Cable Min Order 350 (Cin Rebris): Poi 7 AG07003 Other Specification: 10007 UL Fieddie Motor Supply Cable Terms Test: UL Fieddie Motor Supply Cable EEEE Finame Test: UL 1035 UL Loading EEEE Finame Test: 1020 / EEE 383 Verical Tray Filame Test (70,000 BTU) Suitability - Ondoor: Yes Suitability - Ondoor: Yes Suitability - Ondoor: Yes Suitability - Ondoor: Yes Nonight Resistance: Yes Nonight Resistance: Yes Nonight Resistance: Yes Suitability - Ondoor:	EU Directive 2002/95/EC (RoHS):	Y	es		
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CA Prop 65 (CJ for Wire & Cabio): Yes Mi Order #39 (China ReH5): Yes PMSHA Specification: P-7-X-0070003 Other Specification: 1000/UL /Feable Motor Supply Cable PMSHA Specification: 1000/UL /Feable Motor Supply Cable THE Finam Test: UL 1885 UL Loading CAF Into Test: F14 LEEE Finam Test: UL 1885 UL Loading CAF Into Test: F14 LEEE Finam Test: UL 1885 UL Loading CAF Into Test: Ves Suitability - Ouddoor: Yes Suitability - Ouddoor: Yes Suitability - Ouddoor: Yes Suitability - Suitability - Sui	EU Directive 2002/96/EC (WEEE):	Y	es		
MI Order #34 (China RoHS): Yes PMSHA Spacification: P-07-KA070003 Other Spacification: Di0V UL Fuebble Moder Supply Cable Fature Test: UL 1685 UL Loading CAR Future Test: UL 1685 UL Loading CAR Future Test: UL 2002 LEEE 383 Vertical Tray Flame Test (70.000 BTU) Suitability - Indoor: Yes Suitability - Indoor: Yes Suitability - Notdoor: Yes Suitability - Indoor: Yes Suitability - Indoor: Yes Suitability - Indoor: Yes Suitability - Notdoor: Yes Suitability - Notdoor: Yes Norm. Inductance: Yes Norm. Inductance: Yes Norm. Inductance: Yes Norm. Inductance: Yes Inductor to Conductor to Conductor: Cognatiance Conductor to Conductor: Cognatiance Conductor to Conductor: Cognatiance Conductor to Supply Cabit	EU Directive 2003/11/EC (BFR):	Y	es		
PMSHA Specification: PA7-KA070003 Other Specification: 10007 UL Fexible Motor Supply Cable Flame Test: UL 1685 UL Loading CSA Flame Test: FT4 IEEE Flame Test: 1202, IEEE 383 Vertical Tray Flame Test (70.000 BTU) Suitability - Indoor: Yes Suitability - Burial: Yes Nom. Conductor Do Conductor E Conductor:	CA Prop 65 (CJ for Wire & Cable):	Y	es		
Other Specification: 1000V UL Flexible Motor Supply Cable Flame Test: UL 1885 UL Loading CGA Flame Test: 1202, IEEE 383 Ventical Tray Flame Test (70.000 BTU) Stribuilty 1202, IEEE 383 Ventical Tray Flame Test (70.000 BTU) Stribuilty IEEE Flame Test: Suitability - Indoor: Yes Suitability - Outdoor: Yes Suitability - Outdoor: Yes Suitability - Suita	MII Order #39 (China RoHS):	Y	es		
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Put Ups and Colors:	Nom. Inductance (µH/ft) .143 Nom. Capacitance Conductor to Conductor: Capacitance (pF/ft) 45 Nom. Capacitance Cond. to Other Conductor & Capacitance (pF/ft) 81 Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 0.10 Max. Operating Voltage - UL: Voltage 1000 V RMS (Flexible Motor Supply Cable) 600 V RMS (NEC Type TC) Max. Operating Voltage - Other: Voltage Voltage Description 1000 V RMS (CSA AWM I/II A/B Max. Recommended Current: Current	k Shield:			

Item #	Putup	Ship Weight	Color	Notes	Item Desc
29529 0101000	1,000 FT	1,940.000 LB	BLACK	C 9	3C1/0 133STR VFD 600V
29529 0102000	2,000 FT	3,822.000 LB	BLACK	CZ	3C1/0 133STR VFD 600V
29529 010250	250 FT	537.000 LB	BLACK	C 9	3 #1/O XLPE + 3 #4 GRD PVC
29529 0102500	2,500 FT	4,955.000 LB	BLACK	CZ	3C1/0 133STR VFD 600V
29529 010500	500 FT	1,004.000 LB	BLACK	C 9	3C1/0 133STR VFD 600V

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C = CRATE REEL PUT-UP

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

9 = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 5% FROM LENGTH SHOWN

Revision Number: 4 Revision Date: 08-20-2013

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product. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.