Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

29528C Multi-Conductor - 600V VFD

For more Information please call

1-800-Belden1



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Description:				
	sircuit conductors plus (3) - 10 AWG stranded (7x18) PE insulation, two spiral copper tape shields (100% Coverage),			
Usage (Overall)				
Suitable Applications:	AC Motor Drives, VFD, Variable Frequency Drive			
Physical Characteristics (Overall)				
Conductor				
AWG:				
# Conductors AWG Stranding Conductor Material 3 1 19x14 BC - Bare Copper				
Ground Wire Ground Wire (Y/N):	Y			
Ground Wire AWG:	10			
Ground Wire Stranding:	7x18			
Ground Wire Conductor Material:	BC - Bare Copper			
Insulation Material Wall Thickness (XLPE - Cross Linked Polyethylene .057 Outer Shield Outer Shield Material: Layer # Type Outer Shield Material: 1 Tape 2 Tape Spiral Copper 100 2 Tape Spiral Copper 100 Outer Jacket Outer Jacket Material: Outer Jacket Material PVC - Polyvinyl Chloride Overall Cable Overall Nominal Diameter:				
Mechanical Characteristics (Overall)				
UL Temperature Rating:	90°C Wet/Dry			
Bulk Cable Weight:	1193 lbs/1000 ft.			
Max. Recommended Pulling Tension:	2650 lbs.			
Min. Bend Radius (Install)/Minor Axis:	11.500 in.			

Applicable Specifications and Agency Compliance (Overall) Applicable Standards & Environmental Programs

Detailed Specifications & Technical Data





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NEC Articles:	336 - ER			
CSA Specification:	1000 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):	11/09/2005			
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			
Flame Test				
UL Flame Test:	UL1685 UL Loading			
CSA 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			
Nom. Inductance: Inductance (µH/ft) .146 Nom. Capacitance Conductor to Conductor: Capacitance (pF/ft) 44 Nom. Capacitance Cond. to Other Conductor & Shie Capacitance (pF/ft)	ld:			
79 Nom. Conductor DC Resistance: DCR @ 20°C (Ohm/1000 ft) 0.13 Max. Operating Voltage - UL: Voltage 600 V RMS (NEC Type TC) Max. Operating Voltage - Other: Voltage 000 V RMS (SA AWM I/II A/B) Max. Recommended Current: Current 150 Amps per conductor @ 30°C (per NEC)				
Related Documents:				



29528C Multi-Conductor - 600V VFD

No related documents are available for this product

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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
29528C 0101000	1,000 FT	1,314.000 LB	BLACK		3C1 BELDEN BASICS VFD 600V
29528C 0103000	3,000 FT	4,050.000 LB	BLACK		3C1 BELDEN BASICS VFD 600V

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