Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

29528C Multi-Conductor - 600V VFD

For more Information please call

1-800-Belden1



| | _ | | | |
|--|--|--|--|--|
| 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

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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: | | | | |



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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 |

Revision Number: 1 Revision Date: 10-04-2010

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