

## PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 50167

**DESCRIPTION:** 4/0 AWG MTW CABLE

**CONSTRUCTION:** This cable consists of one bare copper conductor with integral insulation and jacket.

APPROVALS: UL Standard 1063 and Subject 758, CSA 22.2 No. 210.

APPLICATION: Machine Tool Wire, Appliance Wiring Material, and Equipment Wire

## **Construction Parameters:**

Conductor 4/0 AWG Bare Copper Stranding 19x111/30 (2109 Strands)

Insulation MaterialPVCInsulation Thickness0.082" Nom.Insulated Conductor Diameter0.709" Nom.Approximate Cable Weight820.1 Lbs/1M' Nom.

Flame Rating VW-1 or FT1 Vertical Flame Test

## **Electrical Properties:**

Temperature Rating -20°C to 105°C
Operating Voltage 600 V RMS Max.

DC Resistance per Conductor @ 20°C 0.05 Ohms/1M' Nom.

Ampacity per NFPA 79 Table 12.5.1\* 287 Amps

Insulation/Jacket Color Black (Other colors available - consult factory)

Legend (Surface Ink Print) SOUTHWIRE{R} E51583 MASTER-DESIGN 4/0 AWG (107.21{mm2}) 600 VOLT {UL} TYPE

MTW VW-1 OR AWM STYLES 1232 & 1284 & 1338 -- CSA 156205 TEW 105{D}C 600V FT1

OR AWM I AB 105{D}C 600V FT1

This product complies with European Directive 2015/863 -- RoHS 3

\* Ampacities converted to 105C ampacity using 60C cable temperature and 30C ambient from NFPA 79 Table 12.5.1.

Final determination of wire size/ampacity will be governed by local jurisdiction.

Ampacities are provided for engineering information only. Coleman cannot recommend or express the use of this ampacity.

On special orders, the customer will accept all factory lengths and +/- 10 percent of total order requested.

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Customer Name
Customer Approval
Specification Issue Date: June 22, 2011