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PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 23388
DESCRIPTION: 12/3 STRANDED TYPE SJEV FLEXIBLE POWER CABLE
CONSTRUCTION: This cable consists of three bare copper insulated conductors cabled with fillers and an overall jacket.
APPROVALS: UL Standard 62, CSA 22.2 No. 49, NEC Article 400., MSHA
APPLICATION: 300V Portable Water Resistant Submersible Outdoor Flexible Power Cable

Construction Parameters:

Conductor	12 AWG Bare Copper
Stranding	65/30
Insulation Material	TPE
Insulation Thickness	0.031" Nom.
Insulated Conductor Diameter	0.154" Nom.
Number of Conductors	3
Lay Length	3.00" Nom.
Filler Type	Polypropylene
Separator/Wrap	Paper Tissue
Jacket Material	TPE
Jacket Thickness	0.047" Nom.
Overall Cable Diameter	0.428" Nom.
Approximate Cable Weight	129.4 Lbs/1M' Nom.
Flame Rating	UL/CSA Horizontal Flame Test

Electrical Properties:

Temperature Rating	-40°C to 90°C
Operating Voltage	300 V RMS Max.
DC Resistance per Conductor @ 20°C	1.62 Ohms/1M' Nom.
Max Ampacity per Conductor (Per NEC Table 400-5a)	25 amps/cond (Assume two current carrying conductors) (Note: Because of 105C temperature rating, higher current can be used under engineering supervision)

Insulation Colors	Black White Green
Jacket Color	Black (Other colors available for minimum quantity - consult factory)
Legend (White Surface Ink Print - MSHA in indent)	SOUTHWIRE® SEOPRENE® CORD 3/C 12 AWG (3.31MM2) SJEV E54864 (UL) 300V -50C TO 90C -- CSA LL39753 SJTW(TPE) 300V -50C TO 60C FT2 WATER RESISTANT
Ink Jet Legend	XX/XX/XX (MONTH/DAY/YEAR) HH:MM (HOUR/MINUTE)

This product complies with European Directive 2002/95/EC (RoHS)

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

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Customer Name _____ Date Signed _____

Customer Approval _____

Specification Issue Date: April 29, 2014