

- NOTE:
- 1) MATERIAL: SEE TABLE
  - 2) FINISHES: SEE TABLE
  - 3) FLAG LABEL IS MARKED WITH PART No., DATE CODE, VOLTAGE AND AMPERAGE
  - 4) ELECTRICAL DATA  
POLE: 4  
MAX. VOLTAGE: IEC60664 600V  
UL2237 600V  
MAX. CURRENT: 25A
  - 5) ENVIRONMENTAL  
PROTECTION: IP67  
TEMPERATURE RATING: -20C TO 90C
  - 6) PACKAGING:  
ASSEMBLIES ARE BAGGED SEPARATELY IN POLY BAGS WITH BAR CODE LABEL ATTACHED TO OUTSIDE OF BAG
  - 7) ASSEMBLY IS RoHS COMPLIANT
  - 8) CERTIFICATION  
UL2237
  - 9) DIMENSIONS ARE REFERENCE UNLESS OTHERWISE SPECIFIED

## PART NUMBER MATRIX

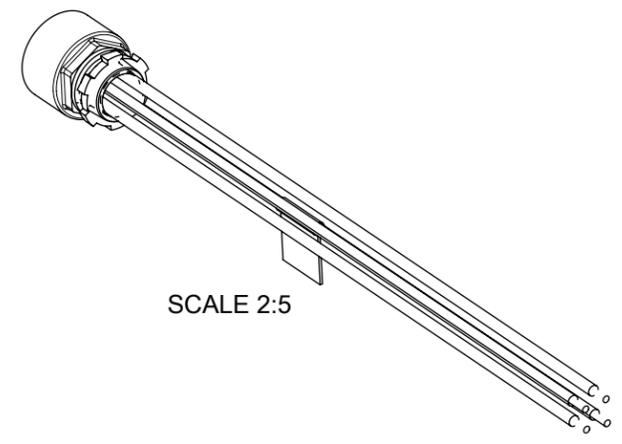
# 3R4100A84M0033

- |   |              |
|---|--------------|
| 1 | BLACK #1     |
| 2 | BLACK #2     |
| 3 | BLACK #3     |
| 4 | GREEN YELLOW |

WIRING DIAGRAM

WIRE TYPE  
12 AWG

LEAD LENGTH  
M003 = 0.3 METER  
M010 = 1 METER  
M100 = 10 METER



| CHART | PART NO.   | ENGINEERING NO. | FINISHED LENGTH |
|-------|------------|-----------------|-----------------|
|       | 1300660320 | 3R4100A84M0033  | 0.3M (11.8")    |
|       | 1300660323 | 3R4100A84M0103  | 1.0M (39.4")    |
|       | 1300662020 | 3R4100A84M0303  | 3.0M (118.1")   |

| ITEM | DESCRIPTION      | MATERIAL        | FINISH        |
|------|------------------|-----------------|---------------|
| 9    | FLAG LABEL       | VINYL           | YELLOW        |
| 8    | EPOXY COMPOUND   | ----            | BLACK         |
| 7    | LOCK NUT         | STEEL           | ZINK PLATED   |
| 6    | GASKET           | NITRILE         | BLACK         |
| 5    | RECEPTACLE SHELL | BRASS           | NICKEL PLATED |
| 4    | 4P FEMALE INSERT | TPE             | BLACK         |
| 3    | SOCKET SLEEVE    | STAINLESS STEEL | -----         |
| 2    | SOCKET CONTACT   | BRASS           | GOLD PLATED   |
| 1    | 12 AWG WIRE      | PVC INSULATION  | ----          |

CABLE LENGTH TOLERANCES

>.3M [1FT]: +19mm-0 [ +.75in-0]

.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]

.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]

1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]

3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]

7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]

14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]

OVER 30M [100FT] +2% OF FINISHED LENGTH

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|  |                               |                        |                    |   |                              |                     |  |                    |
|--|-------------------------------|------------------------|--------------------|---|------------------------------|---------------------|--|--------------------|
| CHANGE DOC TYPE<br>EC NO: 174571<br>DRWN: MZIELINSKI<br>CHKD: TWOLDEGEBRIE<br>REV APPR: BWOODMAN | 2018/04/03                    | 2018/04/26             | 2018/04/30         | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>ANGULAR TOL ± °<br>4 PLACES ±<br>3 PLACES ±<br>2 PLACES ±<br>1 PLACE ±<br>0 PLACES ±<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DIMENSION UNITS<br>INCH      | SCALE<br>1:1        | <p>MINI CHANGE BRAD POWER<br/>4-POLE FEMALE TRI-KEY C SIZE REEPTACLE<br/>12/1C AWG PVC</p> <p>PRODUCT CUSTOMER DRAWING</p> |                    |
|  | DRWN BY<br>TWOLDEGEBRIE       | DATE<br>2016/07/11     | CHK'D BY<br>KCOX01 |   | DATE<br>2016/11/09           | APPR BY<br>BWOODMAN |  | DATE<br>2016/11/14 |
|  | DRAWING SIZE<br>B             | THIRD ANGLE PROJECTION | SERIES<br>130066   |   | MATERIAL NUMBER<br>SEE CHART | CUSTOMER            |  |                    |
|  | DOCUMENT NUMBER<br>1300660320 | DOC TYPE<br>PSD        | DOC PART<br>000    |   | SHEET NUMBER<br>1 OF 1       |                     |  |                    |