

Direct Bury Splice Kit GDBRY-6(KIT), 18-10 AWG

GDBRY6 Data Sheet

Direct Bury Splice Kit GDBRY-6 is a premium moisture-resistant connector that is designed to electrically connect and create a moisture seal for thicker insulation wire. Kit contains a 3M™ Spring Connector R/Y+ and a high impact, UV-resistant tube prefilled with pure silicon dielectric sealant.

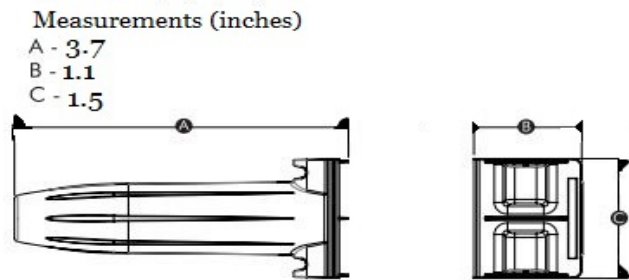
Specifications

Agency Approvals	UL
Conductor Sizes	10 AWG , 18 - 10 AWG , 18 AWG
Connection Type	Wire
Flame Retardant	UL-94 V-2
Maximum Wire Gauge	10 AWG
Minimum Wire Gauge	18 AWG
Operating Temperature (Celsius)	-40 to 105 Degree Celsius
Operating Temperature (Fahrenheit)	-40 to 221 Degree Fahrenheit
Operating Temperature Range (Celsius)	-40 Degrees C to 105 Degrees C
Operating Temperature Range (Fahrenheit)	-40 to 221 Degree Fahrenheit
RoHS 2011/65/EU Compliant	Yes
RoHS EU Comments	RoHS 2011/65/EU compliant without exemption

About the GDBRY6

Filled with Water Proof Dow Corning SP4577 Dielectric Silicone

- Maximum Voltage: 600v
- Industry Leading Volume Resistivity at 73°F (23°C): ohm-cm 2.17×10^{15}
- Industry Leading Dielectric Strength, 50 mil gap volts/mil: >450
- Minimum and Maximum operating range: -40 Fahrenheit to 400 Fahrenheit



- **RoHS Compliant** 2002/95/EC” means that the product or part (“Product”) does not contain any of the substances in excess of the maximum concentration values in EU Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC, unless the substance is in an application that is exempt under RoHS. The information above represents Northstars knowledge in our product which can be taken in whole or in part provided by third party suppliers to Northstar Industries.

Installation Instructions

****CAUTION: TURN OFF ALL POWER WHEN INSTALLING OR REMOVING THIS DEVICE.****

1. Strip wires $\frac{3}{4}$ ” of an inch and twist wire nut provided on until wire nut is secured. Do not over-tighten.
2. Insert the connector all the way into the tube until the connector rests on the bottom.
3. Position wires into Channels.
4. Close GDBRY6 for a secured seal

AWG Wire Combinations for the GDBRY6

2-7 #18	1-3#12 with 1 #18
2-6#16	1-2 #10 with 1 #18
2-4#14	1-3#12 with 1 #16
2-4#12	1-2#10 with 1 #12
2-3#10	1-2#14 with 1 #18



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