Data Sheet



DBR–6 Direct Bury Splice Kit 600 Volts



Application

Use part DBR–6, which includes a Scotchlok[™] R electrical spring connector, to electrically connect two or more pre–stripped copper wire ends in a pigtail application and moisture seal the connection for direct burial.

Wire

Common AWG wire combinations (copper wire only, solid or stranded).

2 –3 #10	1 #10 to 1 #12
2-4 #12	1 # 12 to $1 - 3 # 14$
3 – 4 #14	1 #12 to 2 – 3 #16
4-6#16	1 #14 to 2 – 3 #16
See page two for complete table of UI	Listed combinations

See page two for complete table of UL Listed combinations.

Regulatory Agencies:

UL Listed as a Wire Connector System For Use With Underground Conductors. UL File No. E102356 Tested per UL Standard 486D

CSA Certified as a Underground Cable Splicing Kit CSA File No. LR91920 Tested per CSA Standard C22.2 No.198.2.

Engineering Specification:

The device, 3M Brand DBR–6 Direct Bury Splice Kit, shall splice and effectively moisture seal two or more conductors. The electrical connector shall be a Scotchlok[™] R. The device shall be installed per manufacture's instructions and all applicable codes. The device shall be UL Listed as a Wire Connector System For Use With Underground Conductors.

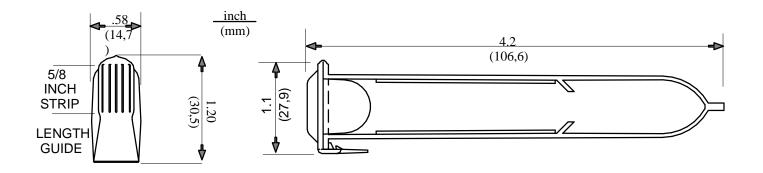
Construction:

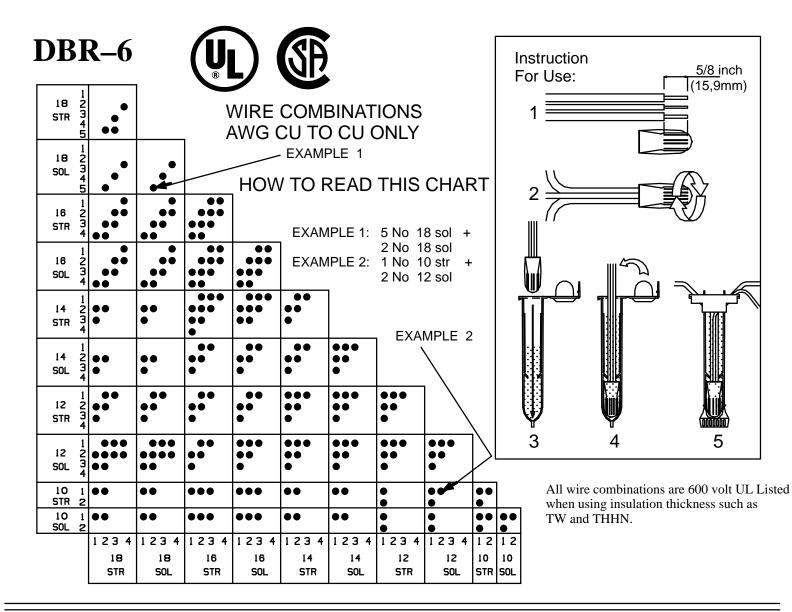
Connector:	Steel spring, metal shell, flame retardant pvc insulator
Tube:	Polypropylene
Gel:	Silicone electrical insulating gel

Application Data:

Application Tem	perature:	32°F to 120°F
Operating Tempe	erature:	(0°C to 49°C) 221°F to -40°F (105°C to -40°C)
Voltage Rating:		600 Volts
Weight of one ki	t (2 splices):	.0990 lbs
Storage:	Do not store above	(44,94 gm) ve 120°F (49°C)

Not for use in direct ultraviolet exposure.





METRIC WIRE COMBINATIONS

Cross Sect	<u>tion Capacity</u>	Conductor Combinations		
<u>Minimum</u>	<u>Maximum</u>	<u>Quantity</u>	Size	<u>Type</u>
5,0mm ²	16,0mm ²	5	1,0mm ²	sol/str
0	ductore endu	4	1,5mm ²	sol/str
	ductors only	2	2,5mm ²	sol/str
	Listed or ertified	2	4,0mm ²	sol/str

IMPORTANT NOTICE TO PURCHASER: All statements, technical information and recommendations related to the Seller's products are based on information believed to be reliable, but the accuracy or completeness thereof is is not guaranteed. Before utilizing the product, the user should determine the suitability of the product for its liability whatsoever in connection with such use.

All statements or recommendations of the seller which are not contained in the Seller's current publications shall have no force or effect unless contained in an agreement signed by an authorized officer of the Seller. The statements contained herein are made in lieu of all warranties express or implied, including but not limited to the implied intended use. The user assumes all risks and warranties of merchantability and fitness for a particular purpose which warranties are hereby expressly disclaimed.

© 3M 1991

SELLER SHALL NOT BE LIABLE TO THE USER OR ANY OTHER PERSON UNDER ANY LEGAL THEORY, INCLUDING BUT NOT LIMITED TO NEGLIGENCE OR STRICT LIABILITY, FOR ANY INJURY OR FOR ANY DIRECT OR CONSEQUENTIAL DAMAGES SUSTAINED OR INCURRED BY REASON OF THE USE OF ANY OF THE SELLER'S PRODUCTS.

WWW.CABLEJOINTS.CO.UK **THORNE & DERRICK UK** TEL 0044 191 490 1547 FAX 0044 477 5371 TEL 0044 117 977 4647 FAX 0044 977 5582 WWW.THORNEANDDERRICK.CO.UK

