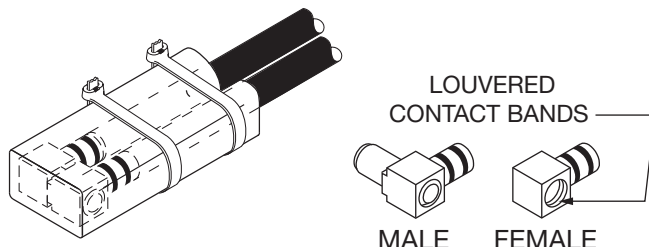


MOTOR DISCONNECTS INSTALLATION INSTRUCTIONS



High Conductivity Copper Color-Coded to match Installing Die.

	WIRE SIZE AWG	CATALOG NUMBERS		BOOT NO. & CABLE TIE
		FEMALE	MALE	
TIE 1	#16-14	MD1614F-0	MD1614M-0	MDBOOT-0 TY24M (2)
TIE 2	#16-14 #12-10 #8 #6	MD1614F-1 MD1210F-1 MD8F-1 MD6F-1	MD1614M-1 MD1210M-1 MD8M-1 MD6M-1	MDBOOT-1 TY24M (2)
	#12-10 #8 #6 #4 #2 #1	MD1210F-2 MD8F-2 MD6F-2 MD4F-2 MD2F-2 MD1F-2	MD1210M-2 MD8M-2 MD6M-2 MD4M-2 MD2M-2 MD1M-2	MDBOOT-2 TY24M (2)
	#6 #2 #1 #1/0 #2/0 #3/0 #4/0	MD6F-3 MD2F-3 MD1F-3 MD10F-3 MD20F-3 MD30F-3 MD40F-3	MD6M-3 MD2M-3 MD1M-3 MD10M-3 MD20M-3 MD30M-3 MD40M-3	MDBOOT-3 TY242M (2)
	#4/0 #250 kcmil #350 kcmil #500 kcmil	MD40F-4 MD250F-4 MD350F-4 MD500F-4	MD40M-4 MD250M-4 MD350M-4 MD500M-4	MDBOOT-4 TYHT28M (2)

MDBOOT-0
 MDBOOT-1
 MDBOOT-2
 MDBOOT-3
 MDBOOT-4

- Flame Retardant Formulation
- Abrasion Resistant RATM600
- 90°C (Body Sizes -0, -1, -2, -3)
- 125°C (Body Size -4)

Sealant available, Catalog Number MDBOOT-SEAL



CAUTION
CHECK MOTOR ROTATION BY BUMPING MOTOR.
CORRECT ROTATION IF NECESSARY.

— INSTALLATION HINTS —

- Always install the female lug on line leads and the male lug on the motor leads for 600V and less, female on both line leads and motor leads for the 5KV connection.
- Always use the smallest body size for the lug possible for the largest wire in the junction box. Line leads are usually the largest.
- Store the boots and bolts from the junction box in the re-closeable plastic bag provided. Use a Ty-Rap® cable tie or tape the bag to the conduit.

D. IMPORTANT: After fully inserting the male pin into the female barrel on the 600V connectors or inserting the double male pin between the two female connectors on the 5KV connections, make sure you install the boot that matches the size and voltage for your application.

E. IMPORTANT: properly seat connectors by fully inserting motor connectors to the bottom of the boot. On the 600V connectors, install the first tie just under the connectors seated in the boot. The second tie should be installed between the first tie and bottom of the boot.

INSTALLATION INSTRUCTIONS



NOT FOR DISCONNECTING ENERGIZED CIRCUITS.

STEP 1

Select connectors as needed for motor and line wire sizes. Be sure to specify connectors within the suitable size groups. Size groups may not be inter-mated. Connectors within each group may be mated. (MD1210F-2 mated with MD2M-2).

STEP 2

Dress the wires to pigtail with the motor leads.

STEP 3

Crimp connectors with any T&B installing tool as follows:
WT2000, WT1300, WT130A
Installs #16 through #10
*TBM20S installs #8 to #2
TBM5, TBM5S, TBM6, TBM6S, TBM8, TBM8S, TBM62BSCR, TBM25S, &TBM6BSCR
*Requires (2) crimps

STEP 4

Push male pin into female barrel until fully inserted.

STEP 5

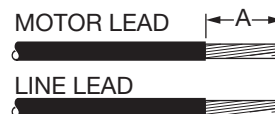
Slide insulator onto pigtailed connectors until it stops.

STEP 6

Fasten the first tie at the middle of insulator, tightening snugly. Fasten the second tie 1/4" from end of boot as shown, and tighten. Cut excess tie.

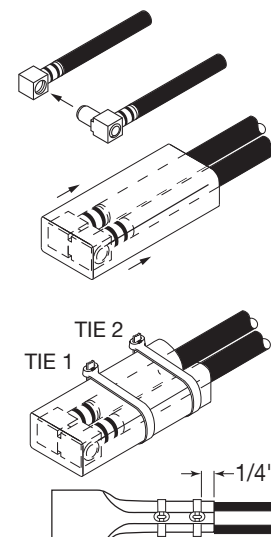
STEP 7

Dress lead assemblies into junction box.



WIRE SIZE AWG	WIRE STRIP LENGTH A ±1/32
16-14	3/8
12-10	3/8
8	7/16
6	1/2
4	1/2
2	17/32
1	9/16
1/0	9/16
2/0	5/8
3/0	11/16
4/0	3/4
*4/0	1
250 kcmil	1-1/8
350 kcmil	1-1/8
500 kcmil	1-5/16

*Body Size -4





DOUBLE MALE DISCONNECTS INSTALLATION INSTRUCTIONS



NOT FOR DISCONNECTING ENERGIZED CIRCUITS.

INSTALLATION INSTRUCTIONS

STEP 1

Select connectors as needed for motor and line wire sizes. Be sure to select connectors within the suitable size groups. Size groups may not be inter-mated. Connectors within each group may be mated. (MD1210F-2 mated with MD2M-2).

DOUBLE MALE
DISCONNECT



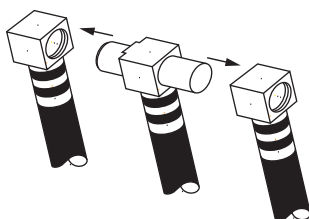
STEP 2

Dress the wires to pigtail with the motor leads.

STEP 3

Crimp connectors with any T&B installing tool as follows: WT2000, WT1300, WT130A installs #16 through #10 *TBM20S installs #8 to #2 TBM5, TBM5S, TBM6, TBM6S, TBM8, TBM8S, TBM62BSCR, TBM25S, & TBM6BSCR
*Requires (2) crimps

USE STANDARD
MD FEMALE DISCONNECT

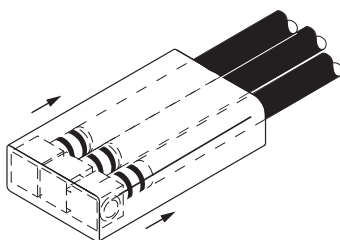


STEP 4

Push male pin into female barrel until fully inserted.

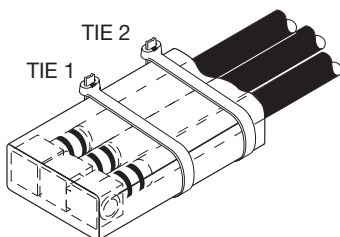
STEP 5

Slide insulator onto pigtailed connectors until it stops.



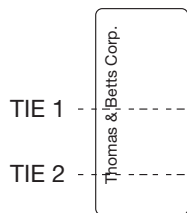
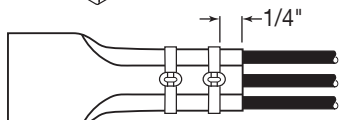
STEP 6

Fasten the first tie at middle of insulator, tightening snugly. Fasten the second tie 1/4" from end of boot as shown, and tighten. Cut excess tie.



STEP 7

Dress lead assemblies into junction box.



MDBOOT-0
MDBOOT-1
MDBOOT-2
MDBOOT-3

- Flame Retardant Formulation
- Abrasion Resistant RATM600
- 90°C



BLACK TY-RAP® CABLE TIE
STABILIZED NYLON

WIRE SIZE AWG	CATALOG NUMBERS	BOOT NO. & CABLE TIE
	MALE	
#16-14	M2D1614M-0	MDBOOT-1 MDBOOT-1
#12-10 #8 #6	M2D1210M-1 M2D8M-1 M2D6M-1	M2DBOOT-1 TY242M (2)
#12-10 #8 #6 #4 #2 #1	M2D1210M-2 M2D8M-2 M2D6M-2 M2D4M-2 M2D2M-2 M2D1M-2	M2DBOOT-2 TY242M (2)
#2 #1 #1/0 #2/0 #3/0 #4/0	M2D2M-3 M2D1M-3 M2D10M-3 M2D20M-3 M2D30M-3 M2D40M-3	M2DBOOT-3 TY26M

NOTE: Some catalog numbers shown above have suffixes: i.e. XXXXXG (indicating special packaging). All crimp settings for these parts are the same as for the base numbers.

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Thomas & Betts Corporation
Memphis, Tennessee
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