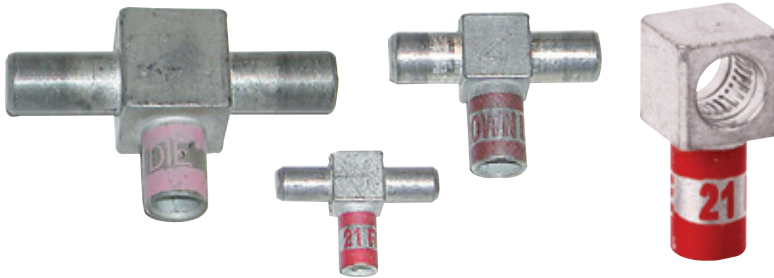


Motor pigtail connectors

Motor pigtail connector – One line to two load (3 wire)



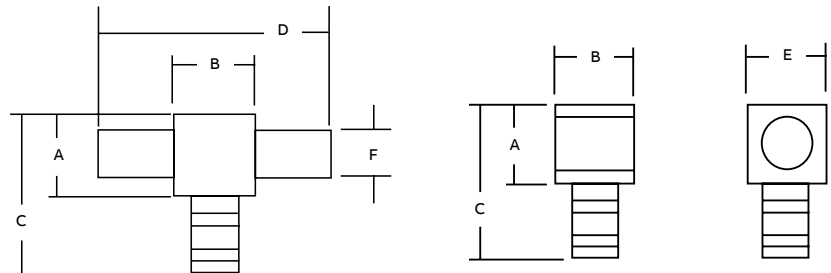
- KON-TOUR™ louvered contact bands
 - Color coded to match installing dies
- Material** – High-conductivity wrought copper
Finish – Electro-tin plate



Motor pigtail connector – One line to two load (3 wire)

Cat. no.												
Female disconnect	Male disconnect	Wire size (AWG)	Body size	Color code	Boot insulation	Dimensions (in.)						Strip length (in.)
						A	B	C	D	E	F	
MD1614F-0	M2D1614M-0	#16–#14	0	Blue	MDBOOT-1	0.250	0.250	0.63	0.77	0.25	0.12	3⁄8
MD1210F-1	M2D1210M-1	#12–#10	1	Yellow	M2DBOOT-1	0.380	0.380	0.780	0.750	0.380	0.25	3⁄8
MD1210F-2	M2D1210M-2	#12–#10	2		M2DBOOT-2	0.500	0.500	0.900	1.500	0.500	0.37	3⁄8
MD8F-1	M2D8M-1	#8	1	Red	M2DBOOT-1	0.380	0.380	0.820	1.125	0.380	0.25	7⁄16
MD8F-2	M2D8M-2	#8	2		M2DBOOT-2	0.500	0.500	0.950	1.500	0.500	0.37	7⁄16
MD6F-1	M2D6M-1	#6	1	Blue	M2DBOOT-1	0.380	0.380	0.875	1.125	0.380	0.25	1⁄2
MD6F-2	M2D6M-2	#6	2		M2DBOOT-2	0.500	0.500	1.020	1.500	0.500	0.37	1⁄2
MD4F-2	M2D4M-2	#4	2	Gray	M2DBOOT-2	0.500	0.500	1.060	1.500	0.500	0.37	1⁄2
MD2F-2	M2D2M-2	#2	2	Brown	M2DBOOT-2	0.500	0.500	1.090	1.500	0.500	0.37	17⁄32
MD2F-3	M2D2M-3	#2	3		M2DBOOT-3	0.875	0.875	1.460	2.630	0.875	0.50	17⁄32
MD1F-2	M2D1M-2	#1	2	Green	M2DBOOT-2	0.50	0.50	1.230	1.500	0.500	0.37	9⁄16
MD1F-3	M2D1M-3	#1	3		M2DBOOT-3	0.875	0.875	1.560	2.630	0.875	0.50	9⁄16
MD10F-3	M2D10M-3	1/0	3	Pink	M2DBOOT-3	0.875	0.875	1.560	2.630	0.875	0.50	9⁄16
MD20F-3	M2D20M-3	2/0	3	Black	M2DBOOT-3	0.875	0.875	1.590	2.630	0.875	0.50	5⁄8
MD30F-3	M2D30M-3	3/0	3	Orange	M2DBOOT-3	0.875	0.875	1.710	2.630	0.875	0.50	11⁄16
MD40F-3	M2D40M-3	4/0	3	Purple	M2DBOOT-3	0.875	0.875	1.810	2.630	0.875	0.50	3⁄4

Diagrams



Operating range: 600 V max., 1000 V max. In signs and fixtures.

Listing: UL® listed and CSA certified for #12–#8 AWG solid copper conductors and stranded copper conductors in the sizes shown.

Selection: always use the same body size when selecting male and female disconnects. For example, to connect a #2 AWG male to a #8 AWG female, select catalog numbers M2D2M-2 and MD8F-2. Both have body size 2.

Insulation – use insulating boots matching the disconnect body size as indicated in the chart. To protect the connection from moisture and dirt, use sealing compound (catalog number MDBOOT-SEAL).

Tooling – see pages 104-127.

Die selector chart – see pages 128-133.

Sealant

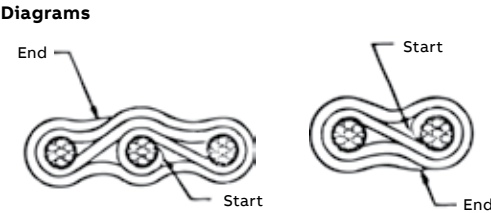


For easy, reliable sealing of motor disconnect boots.
Sealant should be used with T&B motor disconnect boots: MDBOOT-0, MDBOOT-1, MDBOOT-2 AND MDBOOT-3.
The cable should be clean and free of grease and other foreign substances.
Apply two layers around each cable at the same distance from the connector.
Slide the assembly into boot, apply Ty-Rap® cable ties and work sealant around wires at end of boot to eliminate voids.

- Specifications**
- Description: polybutene compound
 - Application temperature: 40 °F to 100 °F
 - Service temperature: -40 °F to 180 °F
 - Dimensions: width 1",thickness ⅜", length (std. Roll) 10', wrapped on release liner
 - Environmental resistance: resists normal aging process
 - Chemical resistance: resists acids, bases and alcohols
 - Dielectric strength: 200 V/mil minimum
 - Volume resistivity: 1013 ohms/cm
 - Flame retardancy: pass VO vertical flame test

Sealant

Cat. no.	Description
MDBOOT-SEAL	Sealant



For watertight applications, contact technical services.
Tooling – see pages 104-127.
Die selector chart – see pages 128-133.