

TECHNICAL DATA SHEET - INTERACTIVE PDF

# Motor lead disconnects, 3-wire, 600V

## One line to two load applications

**Color-Keyed<sup>®</sup>**



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02



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01 Female lead  
02 Male lead, two load

### Features:

- Color-coded for positive die matching
- KON-TOUR™ louvered contact bands
- Meets or exceeds electrical and mechanical performance of bolted connections
- Fast snap-together assembly and quick disconnect offers maximum labor savings
- Total assembly fits into tight motor housings
- No need for insulating tape - simply slide on reusable boot

### Applications:

See [table](#) for conductor sizes

- Motor leads: 600V copper conductor, one line to two load

Motor lead disconnects are for quick, reliable change out of electric motors with no bolting, taping, or loose connections.

### Certifications / Standards:



[3-Part Specification:](#)  
[Tools and Calculators](#)

### Conforms to:

- UL listed for copper conductor
- CSA certified for copper conductor

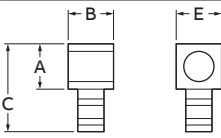
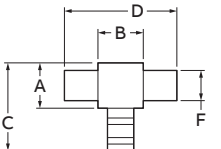
### Specifications:

- Wire range: #16 to 4/0 AWG
- Rating: 600V, 90° C"

### Material / Finishes:

- High conductivity copper
- Electro-tin plate
- Female disconnects equipped with beryllium copper interface band

**Motor lead disconnects, 3 Wire**  
One line to two load

Product selection and dimensions													
Drawing	Part no.		Wire size (AWG or kcmil)	Body size	Dimensions (inch)						Color code	Boot insulation	Strip length (inch)
	Female disconnect	Male disconnect			A	B	C	D	E	F			
 <p>Female disconnect</p>	MD1614F-0	M2D1614M-0	#16 – #14	0	0.25	0.25	0.64	0.76	0.25	0.12	Blue	MDBOOT-0	3/8
	MD1210F-1	M2D1210M-1	#12 – #10	1	0.37	0.37	0.73	1.12	0.37	0.25	Yellow	MDBOOT-1	3/8
	MD1210F-2	M2D1210M-2	#12 – #10	1	0.50	0.50	0.91	1.50	0.50	0.37	Yellow	MDBOOT-1	3/8
	MD8F-1	M2D8M-1	#8	1	0.37	0.37	0.83	1.12	0.37	0.25	Red	MDBOOT-2	7/16
	MD8F-2	M2D8M-2	#8	2	0.50	0.50	0.96	1.50	0.50	0.37	Red	MDBOOT-1	7/16
	MD6F-1	M2D6M-1	#6	1	0.37	0.37	0.88	1.12	0.37	0.25	Blue	MDBOOT-2	1/2
 <p>Male disconnect</p>	MD6F-2	M2D6M-2	#6	2	0.50	0.50	1.03	1.50	0.50	0.37	Blue	MDBOOT-1	1/2
	MD4F-2	M2D4M-2	#4	2	0.50	0.50	1.07	1.50	0.50	0.37	Gray	MDBOOT-2	1/2
	MD2F-2	M2D2M-2	#4	2	0.50	0.50	1.10	1.50	0.50	0.37	Brown	MDBOOT-2	17/32
	MD2F-3	M2D2M-3	#2	3	0.88	0.88	1.45	2.63	0.88	0.50	Brown	MDBOOT-2	17/32
	MD1F-2	M2D1M-2	#1	2	0.50	0.50	1.24	1.50	0.50	0.37	Green	MDBOOT-3	9/16
	MD1F-3	M2D1M-3	#1	3	0.88	0.88	1.56	2.63	0.88	0.50	Green	MDBOOT-2	9/16
	MD10F-3	M2D10M-3	1/0	3	0.88	0.88	1.56	2.63	0.88	0.50	Pink	MDBOOT-3	9/16
	MD20F-3	M2D20M-3	2/0	3	0.88	0.88	1.59	2.63	0.88	0.50	Black	MDBOOT-3	5/8
	MD30F-3	M2D30M-3	3/0	3	0.88	0.88	1.71	2.63	0.88	0.50	Orange	MDBOOT-3	11/16
	MD40F-3	M2D40M-3	4/0	3	0.88	0.88	1.81	2.63	0.88	0.50	Purple	MDBOOT-3	3/4

Note: Product must be installed in accordance with applicable national and local electrical codes.

**Motor lead disconnects, 3 Wire**  
Installing tools

Product selection, disconnects and tools									
Part no.	Part no.	WT112M WT111M WT2000 ERG4002	TBM45S	TBM6, TBM6S		TBM5, TBM5S	TBM8, TBM8S	Hydraulic Tools	
Female disconnect	Male disconnect			Upper die	Lower die	Die set	Die set	Die code	Color code
MD1614F-0	M2D1614M-0	Blue	—	—	—	—	—	—	—
MD1210F-1	M2D1210M-1	Blue	—	—	—	—	—	—	—
MD1210F-2	M2D1210M-2	Yellow	—	—	—	—	—	—	—
MD8F-1	M2D8M-1	Yellow	X	13475	13477	13454	13461	21	Red
MD8F-2	M2D8M-2	—	X	13475	13477	13454	13461	21	Red
MD6F-1	M2D6M-1	—	X	13475	13477	13454	13461	24	Blue
MD6F-2	M2D6M-2	—	X	13475	13477	13454	13461	24	Blue
MD4F-2	M2D4M-2	—	X	13472	13476	13454	13461	29	Gray
MD2F-2	M2D2M-2	—	X	13474	13477	13454	13461	33	Brown
MD2F-3	M2D2M-3	—	X	13474	13477	13454	13461	33	Brown
MD1F-2	M2D1M-2	—	—	13474	13477	13455	13462	37	Green
MD1F-3	M2D1M-3	—	—	13474	13477	13455	13462	37	Green
MD10F-3	M2D10M-3	—	—	13475	13477	13455	13462	42	Pink
MD20F-3	M2D20M-3	—	—	13474	13477	13455	13462	42	Pink
MD30F-3	M2D30M-3	—	—	13474	13477	13455	13462	50	Orange
MD40F-3	M2D40M-3	—	—	13475	13477	13456	13463	54	Purple

Note: Product must be installed in accordance with applicable national and local electrical codes.

