

**Conductor and Lug Data
For Contactors & Switches**

Product Class	Controller Size	Wire Range (AWG)	Wire Type	Lug Kit Catalog No.	
14, 17, 18, 22, 25, 26, 30, 32, 36, 36, 40, 43, 83, 84, 87 & 88	00-1 3/4	14 - 2	AL or CU	NA	
	2-2 1/2	14 - 2	AL or CU	49SAAF	
	3-3 1/2	14 - 2/0	AL or CU	49SAAH	
	4	6 - 250 MCM	AL or CU	75D35994001	
	5 - 6		3/0 - 600 MCM (front terminal only)	AL or CU	3RT1966-4G
			250 - 500 MCM (back terminal only)		
			2 x 2/0 - 2 x 500 MCM (both front & back)		
	7	(3) 2/0 - 500 MCM	CU only	49ZATK750-3	
8	(6) 1/0 - 750 MCM	CU only	49ZATK1650-6		
40 & 87	4 - 6 Vacuum	3/0 - 600 MCM (front terminal only)	AL or CU	3RT1966-4G	
		250 - 500 MCM (back terminal only)			
		2 x 2/0 - 2 x 500 MCM (both front & back)			
11	ALL	2 x (14 - 10)	CU only	*3RV1928-1H	
SMF, MMS, MRS	ALL	Up to 10	CU only	NA	
LE	20 & 30A	Up to 8	CU only	NA	
	20 Side Mounted Power Poles	Up to 10	CU only	NA	
	60A	Up to 2	CU only	NA	
	100A	Up to 1/0	CU only	NA	
	200A		6 - 2/0 (Front & back terminals)	CU only	3RT1966-4G
			2 x 1/0 (Both terminals)		
	300A		3/0 - 300 MCM (Front terminal)	CU only	3RT1966-4G
			250 - 500 MCM (Back terminal)		
			2 x 2/0 - 2 x 500 MCM (Front & Back)		
	400A		3/0 - 600 MCM (Front terminal)	CU only	3RT1966-4G
250 - 500 MCM (Back terminal)					
2 x 2/0 - 2 x 500 MCM (Front & Back)					
CLM, CM	20A	14 - 10	CU only	NA	
	30A	14 - 8	AL or CU	NA	
	60A	14 - 4	AL or CU	NA	
	100A	6 - 1/0	AL or CU	NA	
	200A	4 - 300 MCM	AL or CU	NA	
	300A	4 - 600 MCM	AL or CU	NA	
	400A	(2) 2 - 350 MCM	AL or CU	NA	

* 3RV1928-1H lug kit is required only when controller is used as a type E manual combination starter

Class 14, 22, and 30 Torque for Power Terminals **

Controller Size	Torque
00 -0	20 lb-in.
1	35 lb-in.
1 3/4 - 2 1/2	45 lb-in.
3 - 3 1/2	120 lb-in.
4	200 lb-in.
5	180-195 lb-in.
6	180-195 lb-in.
7	375 lb-in.
8	500 lb-in.

** Torque for terminals on coils and other control accessories: 11 lb-in. to 15 lb-in.