

Vacuum Starters, Combination Starters, and Pump Control Panels

Overload Relay Code Selection

Bulletin 1109 Vacuum Open-Type Starters

TABLE 195			
Heater Element Cat. No.	Full Load Amperes		
	200 A	400 A	600 A
W26	—	—	115
W27	43*	78	125
W28	45*	85	135
W29	50*	94	147
W30	54*	104	165
W31	59*	114	179
W32	65*	125	196
W33	70	139	216
W34	75	150	232
W353	81	160	260
W36	89	175	287
W37	98	195	315
W38	110	215	350
W39	120	235	385
W40	132	260	420
W41	143	293	465
W42	155	320	515
W43	170	350	570*
W44	193	380	630
W45	—	415	—
W46	—	455	—
W47	—	500	—
W48	—	550	—

TABLE 196			
Heater Element Cat. No.	Full Load Amperes		
	200 A	400 A	600 A
J7	64*	115	195
J8	72*	127	220
J9	74*	140	239
J10	85*	155	260
J11	87*	170	285
J12	96	186	315
J13	107	205	340
J14	116	215	375
J15	128	145	410
J16	139	270	450
J17	153	296	495
J18	168	330	540*
J19	184	360	590
J20	200	400	640
J21	215	440	—
J22	—	480	—
J23	—	520	—

* Exceeds 20 seconds at six times rating, providing Class 30 protection.
 * Maximum element for NEMA Size 6.