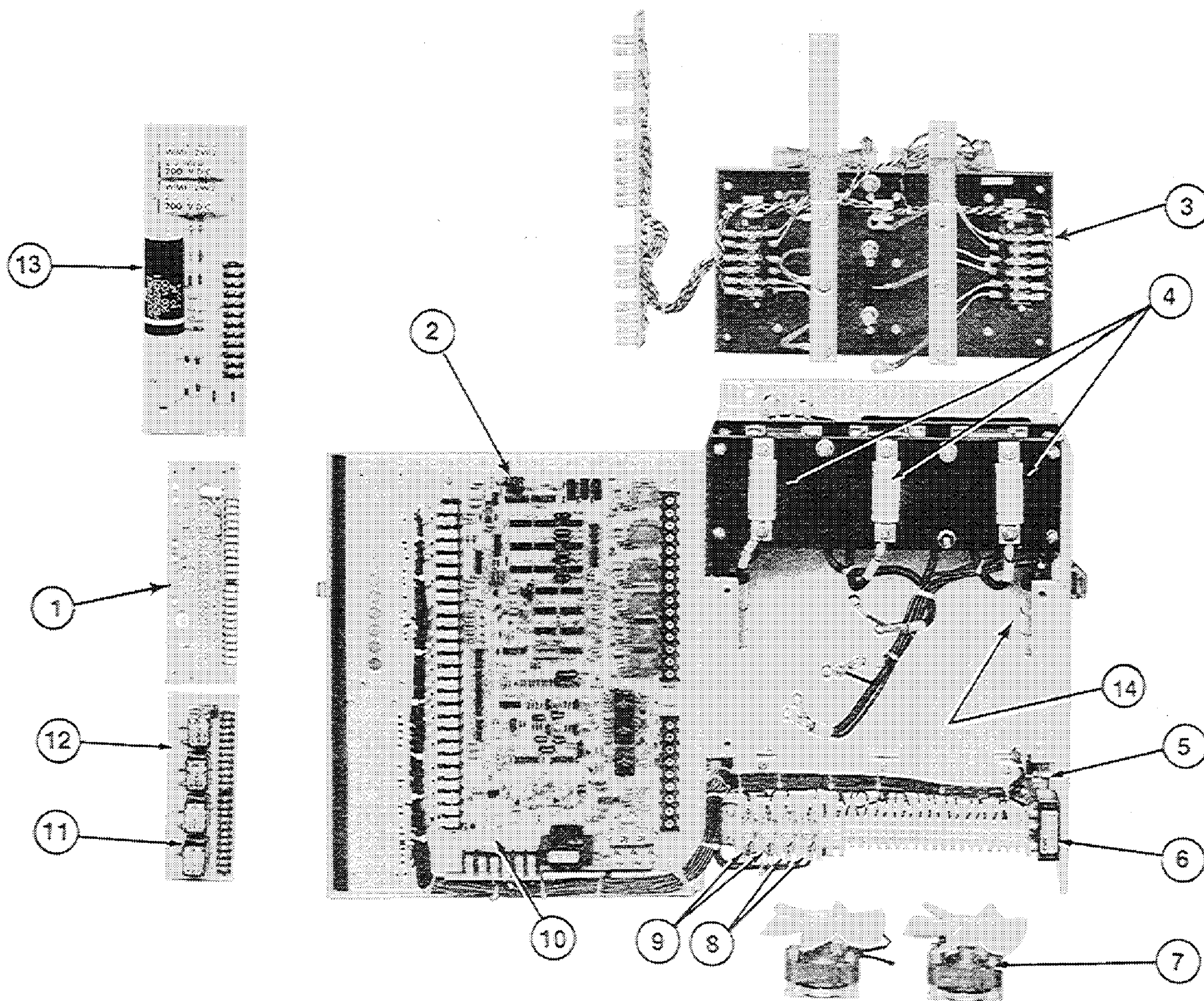




ALLEN-BRADLEY THREE PHASE DC DRIVE MODULES • SERIES B

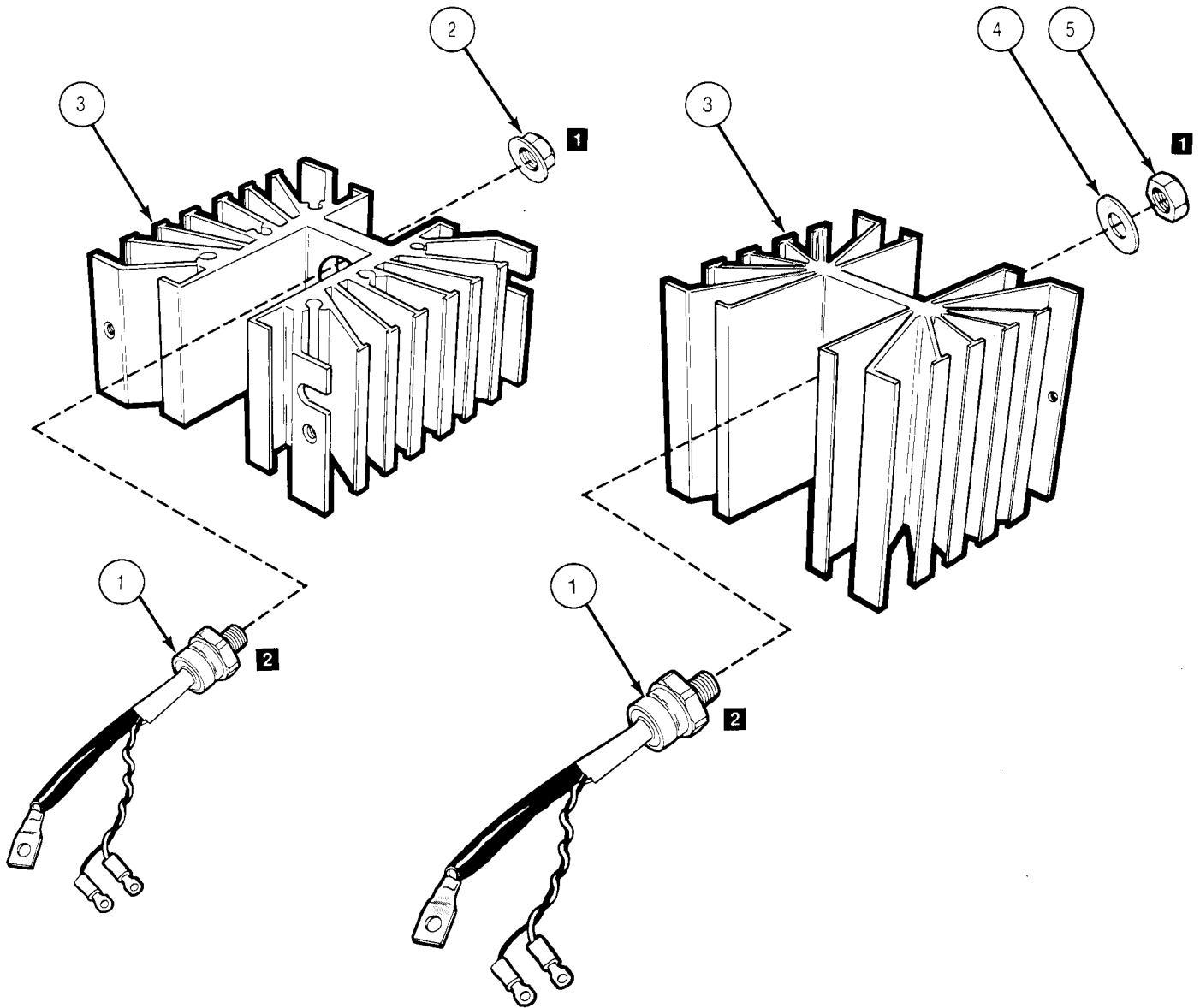


Key No.	Description	Part Number			QUANTITY
		105-AMP MODULE	250-AMP MODULE	345-AMP MODULE	
1	Potentiometer Board	104201	104201	104201	1
2	Main Control Board	102902	102902	102902	1
3	Armature Power Supply	102897	102898	102909	1
4	Line Fuse	101749	101750	101756	3
5	Field Loss Board	102906	102906	102906	1
6	Field Bridge Rectifier	101024	101024	101024	1
7	Fan	103042	103042	028422*	2
8	Control Transformer Fuse 600V., 1A	101665	101665	101665	2
9	Field Fuse 600 V., 10A	101751	101751	101751	2
10	Fault Relay	101184	101184	101184	1
—	Retaining Clip for Fault Relay	101472	101472	101472	1
11	Plug-in Relay	101215	101215	101215	4
—	Retaining Clip for Plug-in Relay	101474	101474	101474	4
12	Relay Board Assembly	102899	102899	102899	1
13	Tach Feedback Board (Optional)	102910	102910	102910	1
14	Capacitor 4 Mfd.	100778	100778	100778	3

*NOT an AB Part Number - Comair Part Number (Available at large electronic Dealers)

105 AMP HEAT SINK

250 / 345 AMP HEAT SINK



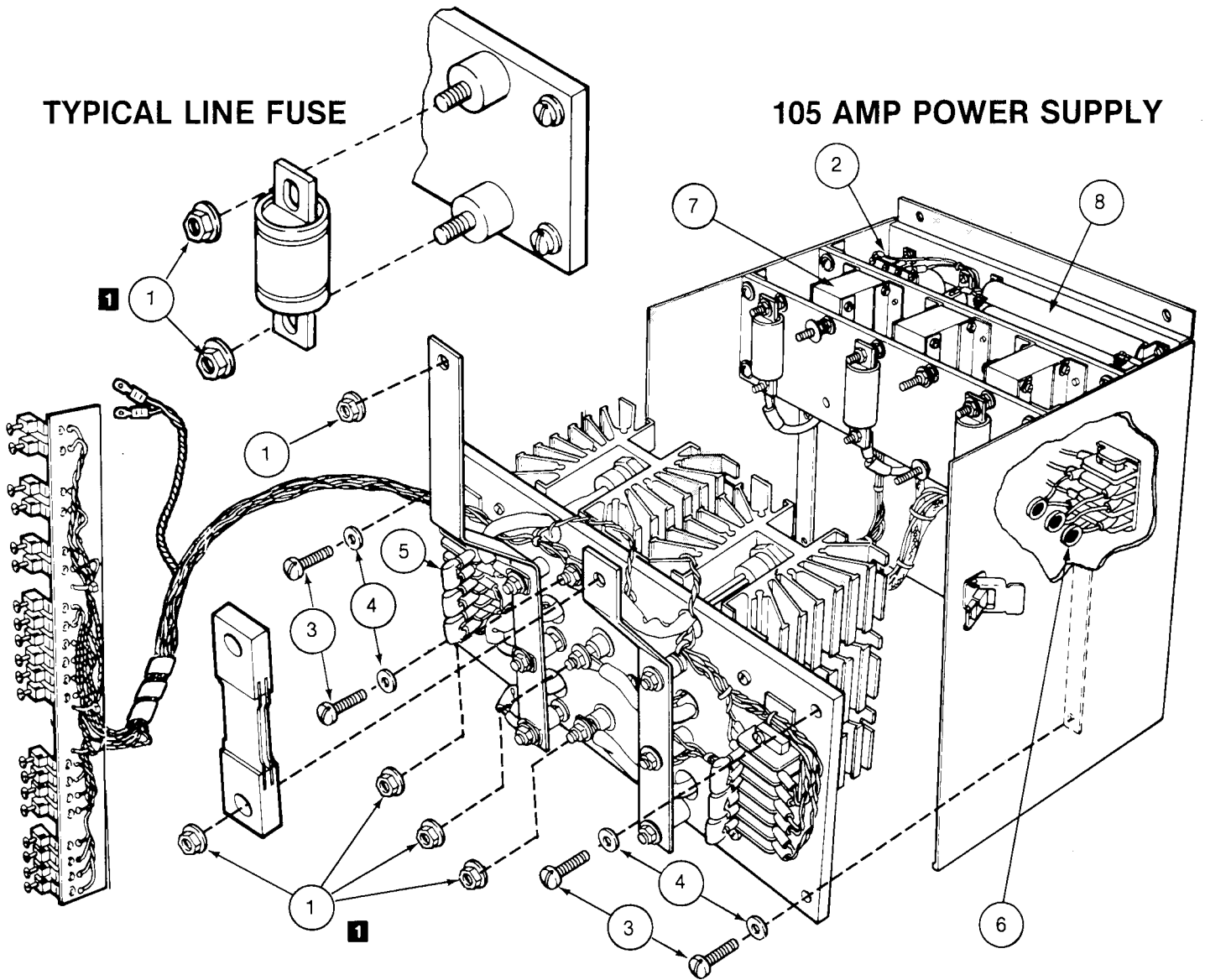
Key No.	Description	Part Number			QUANTITY
		105-AMP	250-AMP	345-AMP	
1	Silicon Controlled Rectifiers	101110	101112	101113	6
2	Keps-Nut 1/2-20	103196	—	—	6
3	Heat Sink	101167	101168	101168	6
4	Belleville Washer 3/4	—	103239	103239	6
5	Nut 3/4-16	—	Furnished with SCR	Furnished with SCR	6

1 Silicone Controlled Rectifiers are to be installed to the following torque settings: 1/2 inch bolt — 150 inch pounds; 3/4 inch bolt — 300 inch pounds.

2 PENETROX "A" (heat transfer) joint compound shall be applied to the anode mounting surface of the SCR before assembly. All excess compound squeezed out after the joint has been torqued to the proper level shall be removed.

TYPICAL LINE FUSE

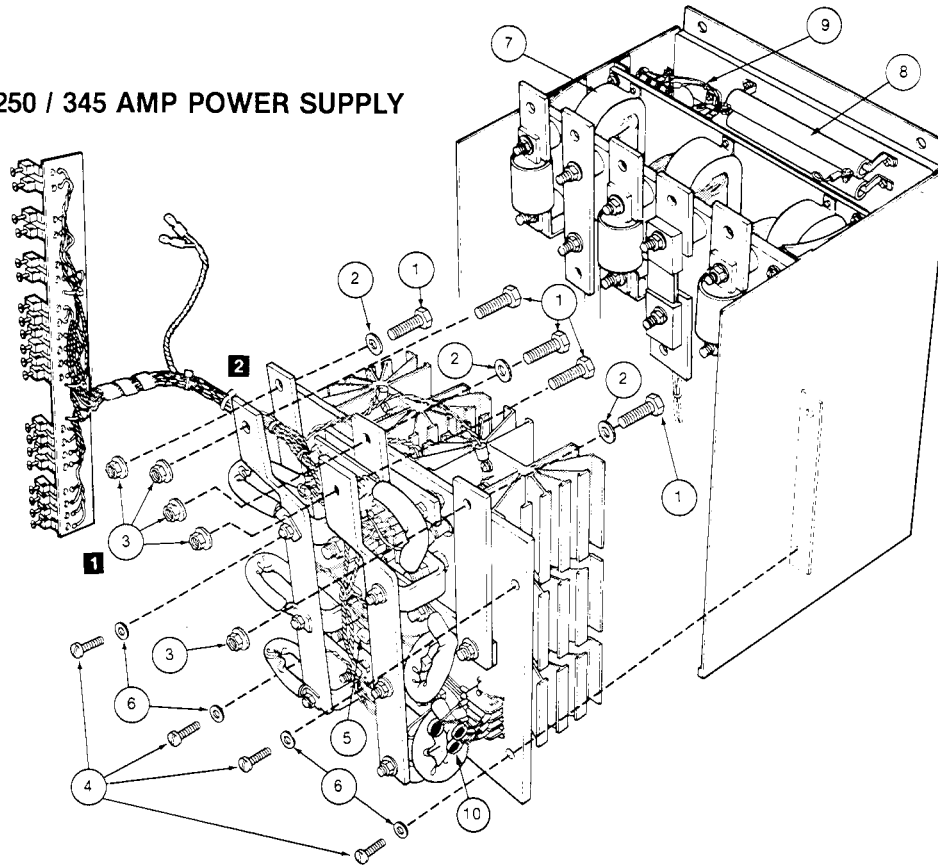
105 AMP POWER SUPPLY



Key No.	Description	Part Number	QUANTITY
		105-AMP	
1	Keps-Nut	103182	15
2	Control Transformer 100VA	100840	1
3	Pan Head Mach. Screw 1/4-20 x 3/4	103136	4
4	Flat Washer 1/4	103220	4
5	Capacitor	100806	6
6	Surge Suppressor	101063	3
7	Choke	100908	3
8	Resistor	100209	3

1 All Module Power Connections Keps-nuts are to be installed to the following Torque Settings. 1/4 inch bolt — 35 inch pounds; 3/8 inch bolt — 75 inch pounds; 1/2 inch bolt — 150 inch pounds; 3/4 inch bolt — 300 inch pounds.

250 / 345 AMP POWER SUPPLY



Key No.	Description	Part Number		QUANTITY
		250-AMP	345-AMP	
1	Hex Head Cap Screw 3/8-24 x 1	103154	103154	5
2	Flat Washer	103230	103230	3
3	Keps-Nut 3/8-24	103195	103195	5
4	Pan Head Mach. Screw 1/4-20 x 3/4	103136	103136	4
5	Capacitor	100806	100806	6
6	Flat Washer 1/4	103220	103220	4
7	Choke	100907	100907	3
8	Resistor	100209	100209	3
9	Control Transformer 100VA	100840	100840	1
10	Surge Suppressor	101063	101063	3

1 All Module Power Connections Keps-nuts are to be installed to the following Torque Settings.
 1/4 inch bolt — 35 inch pounds; 3/8 inch bolt — 75 inch pounds; 1/2 inch bolt — 150 inch pounds; 3/4 inch bolt — 300 inch pounds.

2 PENETROX "A" (heat transfer) joint compound shall be applied to the electrically conductive surfaces of the Bus Bar connections (5 places) before assembly. All excess compound squeezed out after the joint has been torqued to the proper level shall be removed.



Drives Division
 Cedarburg, Wisconsin 53012-0005

