

BULL 5110 AC POWER, DC OPERATED
BULL 5210 DC POWER, DC OPERATED

NOTE: WHEN ORDERING PARTS, FURNISH THE FOLLOWING INFORMATION
1. BULLETIN NUMBER, NEMA SIZE, & SERIAL NUMBER FROM NAMEPLATE
2. PART NUMBER & DESCRIPTION

ITEM	DESCRIPTION	NOTES	PART NO.	QTY.
1	MOUNTING PAN	(1)	68038-000	1
2	BASE		68022-001	1
3	ARC SHIELD RETAINER		81279-030	1
4	BLOWOUT COIL	(2)	SEE TABLE 2	1
5	D.C. BLOWOUT CORE (SOLID)		66870-035	1
5	A.C. BLOWOUT CORE (SLOTTED)		18599-000	1
6	BLOWOUT INSULATING TUBE		18601-000	1
7	BLOWOUT INSULATING WASHER		18603-000	2
8	BLOWOUT GUARD		68030-002	1
9	ARC SHIELD ASSEMBLY		18063-000	1
10	STATIONARY CONTACT SUPPORT		58718-002	1
11	CONTACT TIP (COPPER)	(5)	18402-000	2
11	CONTACT TIP (SILVER FACED)	(5)	18402-001	2
11	CONTACT TIP (SILVER TUNGSTEN CARBIDE FACED)	(5)	18402-004	2
12	ARC TRANSFER TIP		59465-002	1
13	MOVING CONTACT HOLDER		59458-006	1
14	CONTACT HINGE PIN		59462-000	1
15	CORE CAP		19657-000	1
16	SHUNT		68027-002	1
17	CONTACT SPRING		67981-030	1
18	ARMATURE ASSEMBLY	(3)	81279-050	1
19	NON MAGNETIC SPACER		59545-000	1
20	COIL CORE		58720-001	1
21	ARMATURE HINGE PIN		18049-100	1
22	UPPER TERMINAL ASSEMBLY		68026-000	1
23	HAIR PIN COTTER		57403-007	2
24	OPERATING COIL		SEE TABLE 1	1
25	STATOR ASSEMBLY	(3)	19661-002	1
26	SPACER - BLOWOUT COIL		66870-031	1
27	SUPPORT MOUNTING BRACKET		68023-000	1
28	FLUX PLATE ASSEMBLY - LEFT HAND	(4)	18061-000	1
29	FLUX PLATE ASSEMBLY - RIGHT HAND	(4)	18062-000	1
30	LOWER CONNECTING BUS		68024-000	1
31	.500-13 X 1.93 LONG STUD		66475-021	1
32	.375-16 X .75 LONG HEX HEAD SCREW		47246-102	4
33	.312 SPLIT LOCKWASHER		47252-039	9
34	.312-18 X 1.50 LG. S.S. HEX HEAD SCREW		47779-083	1
35	.250-20 X 1.50 LG. HEX HEAD SCREW		47246-069	1
36	.250 SPLIT LOCK WASHER		47252-038	2
37	.312 FLAT WASHER		47250-514	1
38	.375 SPLIT LOCK WASHER		47252-040	8
39	.312-18 X 1.00 LONG S.S. HEX HEAD SCREW		47779-081	1
40	FLANGE BUSHING, CONTACT PIN		16953-000	2
41	.312-18 X 1.50 LONG ROUND HEAD SCREW		47241-218	1
42	FLANGE BUSHING, ARMATURE PIN		18597-000	2
43	.312-18 HEX NUT		47253-502	1
44	.375-16 X 1.25 LONG HEX HEAD SCREW		47246-104	4
45	.375 FLAT WASHER		47250-020	6
46	.375-16 HEX NUT		47253-503	4
47	.375-16 X 1.00 LONG HEX HEAD SCREW		47246-103	1
48	.312-18 X 1.00 LONG HEX HEAD SCREW		47246-081	3
49	.312 FLAT WASHER		47250-505	3
50	.312-18 X 3.50 LONG HEX HEAD SCREW		47246-101	1
51	.312 INTERNAL TOOTH LOCK WASHER		47304-010	1
52	.312-18 HEX NUT		47253-602	2
53	.312-18 X .75 LG. HEX HEAD SCREW		47246-079	1
54	.312-18 X .75 LG. S.S. HEX HEAD SCREW		47779-079	1
55	SLEEVE BUSHING, STATOR		57321-012	1
56	.250-20 X .50 LONG BRASS FLAT HEAD SCREW		47665-108	1
57				

TABLE 1 OPERATING COIL

VOLTS	PART NUMBER	OHMS COLD
275	67890-001	1080
230/250	67890-002	900
115/125	67890-003	225
75	67890-004	82
57.5	67890-005	49
24	67890-006	8.6
36	67890-007	19
12	67890-008	2.22

TABLE 2 BLOWOUT COIL

LINE VOLTS	PART NUMBER	NOTES
125-250	41171-001	STANDARD
125-250	58824-010	WELDED ASSY.(2)

ITEM	DESCRIPTION	BUMP OPEN 25 AMPS PART NO.	QTY	BUMP OPEN 50 AMPS PART NO.	QTY
58	.250-20 HEX NUT (BRASS)	47254-012	1	47254-012	5
59	SPRING STOP	70951-001	1	70951-001	1
60	.250 FLAT WASHER (BRASS)	47251-041	1	47251-041	5
61	.250 LOCKWASHER (INTERNAL)	47304-009	1	47304-009	3
62	#10-32 X 1.25 LG RD. HD. SCREW	47241-157	2		
63	SADDLE SPRING	17717-000	1	17717-000	1
64	#10 FLAT WASHER (BRASS)	47251-008	8	47251-008	8
65	#8 SPLIT LOCKWASHER	47252-084	3	47252-084	3
66	#8-32 HEX NUT	47253-014	1	47253-014	1
67	#8-32 X .75 LG. RD. HD. MACH. SCR.	47241-105	1	47241-105	1
68	STANDOFF	66870-030	2	66870-030	2
69	25 AMP. BLOWOUT ASSEMBLY	67246-014	1	67248-007	1
70	CONTACT TIP (STATIONARY) COPPER	2315-000	1	2317-000	1
71	ARC SHIELD ASSEMBLY	42855-001	1	42856-001	1
72	POWER AUX. STRIKER ASSEMBLY	70955-004	1	70955-004	1
73	#10-32 HEX NUT	47253-017	4	47253-017	4
74	#10 LOCKWASHER (INTERNAL)	47304-007	2	47304-007	2
75	#8-32 X 1.50 LG. RD. HD. SCR.	47241-110	2	47241-110	2
76	ARC HORN	-----	1	42029-000	1
77	.250-20 X .87 ROUND HEAD SCREW	47241-194	1	47241-194	1
78	SHUNT	9298-000	1	4873-000	1
79	CONTACT (MOVING) FINGER - COPPER	17718-003	1	5738-003	1
80	CONTACT SPRING	17716-000	1	17716-000	1
81	SADDLE ASSEMBLY	70473-001	1	70473-001	1
82	MOUNTING BASE	68043-001	1	68043-005	1
83	SADDLE SUPPORT	17713-000	1	17713-000	1
84	#10-32 X .37 PAN HD. SCRW. (BRASS)	49138-083	1	49138-083	1
85	.250-20 X 1.00 ROUND HEAD SCREW	47241-195	1	47241-195	1
86	STEEL SPACER	17719-000	1	17719-000	1
87	#8 FLAT WASHER	47251-007	4	47251-007	4
88	.250-20 X 1.25 RD. HD. SCREW (BRASS)			47661-153	2

NOTES:

- (1) COMPLETE CONTACTOR AVAILABLE WITHOUT MOUNTING PAN.
 - (2) ITEM 4 (TABLE 2) WELDED BLOWOUT COIL ASSEMBLY INCLUDES ITEMS 4, 10, 22, 26, 33, 34, 52 & 53.
 - (3) INCLUDES HINGE BEARINGS
 - (4) INCLUDES SUPPORT BOSS AND HARDWARE
 - (5) CONTACT KITS INCLUDE STATIONARY AND MOVING CONTACTS (ITEM 11), ARC TRANSFER TIP (ITEM 12), CONTACT SPRING (ITEM 17), AND HARDWARE (ITEMS 33, 39, & 54).
- COPPER TIPS CONTACT KIT 59672-024
SILVER TIPS CONTACT KIT 59672-025
SILVER TUNGSTEN CARBIDE TIPS CONTACT KIT 59672-026

MUST BE ORDERED SEPARATELY - NOT FURNISHED WITH COMPLETE CONTACTOR

A AUXILIARY CONTACTS	M MECHANICAL INTERLOCK KIT	T TIE BAR KIT
SINGLE (1 N.O. & 1 N.C.) PART NO. 68011-008 ●	PART NO. 68041-016 FOR STANDARD 6.625" CONTACTOR SPACING FOR SIZE 5 TO SIZE 5. FOR INTERLOCKING OTHER SIZES AND PRIOR MODELS CONSULT FACTORY	PART NO. 59400-005 FOR STANDARD 6.625" CONTACTOR SPACING (NOT MANUAL-MAGNETIC DISCONNECT)
DOUBLE (2 N.O. & 1 N.C.) PART NO. 68011-009 ●	REPAIR PARTS ON A-58671	REPAIR PARTS ON A-59400 PG. 1
● INCLUDES OPERATING STRIKER & MTG. HARDWARE REPAIR PARTS ON B-68011 PG. 1.		

REPAIR PARTS BULL. 5110 & 5210
NEMA SIZE 5A, 400 AMP CONTACTOR
MOLDED BASE & FABRICATED ARMATURE
MODEL 2001 WITH NC POWER POLE

DR. LHM
DATE 12-6-03
R.M.S.

DRG. NO. 2 OF 2
50 Edwards Street, Madison, Oh. 44057

59656-2

DESCRIPTION

Rev DATE BY