

B300 SOLENOID

BBC
BROWN BOVERI

Brown Boveri Electric, Inc.
Manufacturer of I-T-E Electrical Power Equipment

53214

SHEET NO.

CONT. ON 2

NEXT
ASSY.

BY H. B. G.
DATE 11-19-40

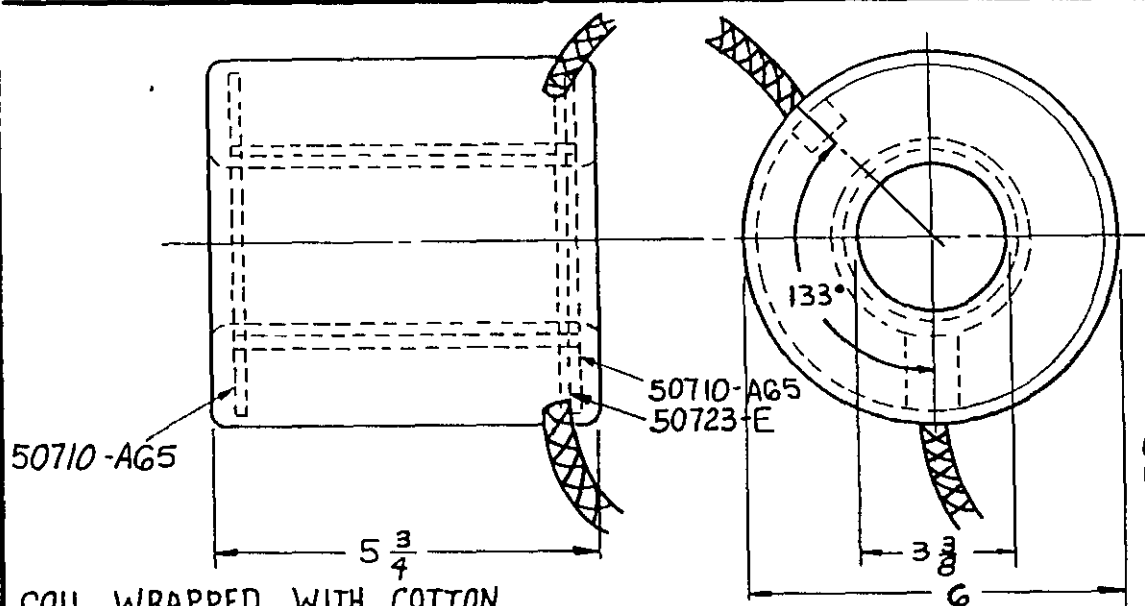
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APP.
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MICRO.

S. O.

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FOR COIL
SPECIFICATION:
SEE DWG.
NO. 53264

ON SPLIT WOUND
COILS- WIND IN
LAYER WITH SMALL
SIZE WIRE.

COIL WRAPPED WITH COTTON
TAPE AND IMPREGNATED.

DWG. NO.	PART	REQD
714167-A1	LEAD	1
714170-A1	LEAD	1
50710-AG5	WASHER	2
50723-E	WASHER	1
50612-E15	TUBE	1

"WINDING DATA"

ITEM	B & S INSUL.	TURNS	RES.	AMP TURNS PER VOLT	WINDING	DRN BY - DATE
A	21 SCE	4100	65	63	CONTINUOUS	
B	20 SCE	3400	44	77.3	CONTINUOUS	
C	19 SCE	2800	28	100	CONTINUOUS	
D	18 SCE	2200	18	122.2	CONTINUOUS	
E	17 SCE	1900	12.6	150.8	CONTINUOUS	250 V.D.C.
F	16 SCE	1600	8.1	197.5	CONTINUOUS	
G	15 SCE	1300	5.4	240.7	CONTINUOUS	
H	14 SCE	1100	3.5	314.3	CONTINUOUS	125 V.D.C.
J	13 SCE	875	2.1	416.7	CONTINUOUS	
A1	12 SCE				CONTINUOUS	
A2	11 SCE	450	.6	750	CONTINUOUS	
A3	10 SCE	1100			SPLIT	
	17 SCE	950	15.3	134		
A4	17 SCE	950			SPLIT	
	16 SCE	800	10.3	170		
A5	16 SCE	800			SPLIT	
	15 SCE	650	6.7	216.4		
	15 SCE	650			SPLIT	

REVISIONS

COIL DATA

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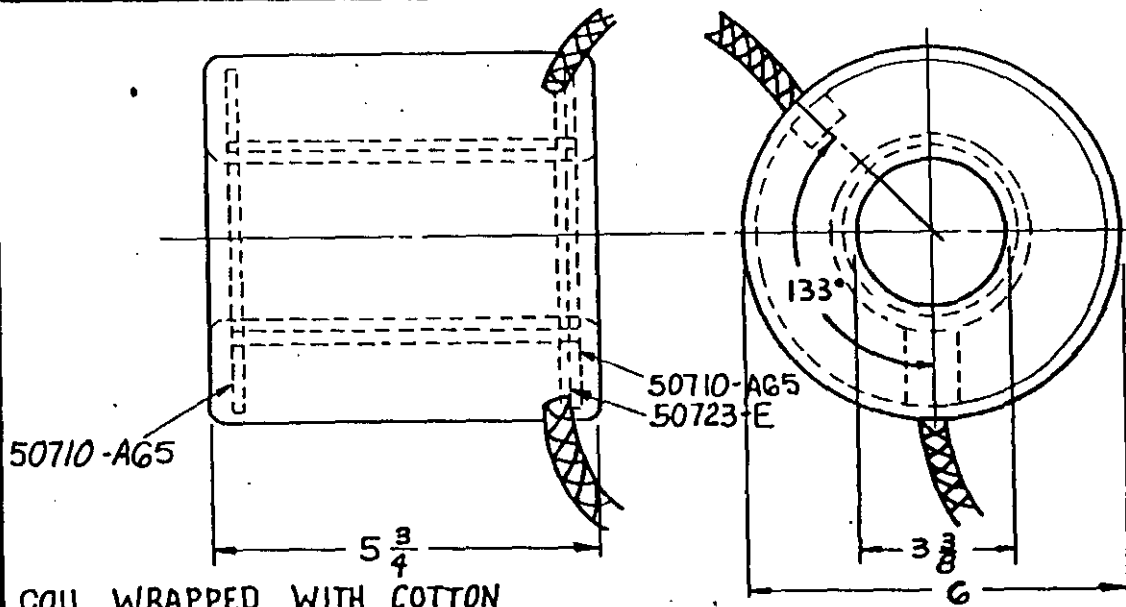
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FOR COIL
SPECIFICATION:
SEE DWG.
NO. 53264

ON SPLIT WOUND
COILS - WIND IN
LAYER WITH SMALL
SIZE WIRE.

COIL WRAPPED WITH COTTON
TAPE AND IMPREGNATED.

NOTE:
COMPLETE LAST
LAYER WITH TURNS.

* WINDING DATA *

DWG. NO.	PART	REQD.
714170-A1	LEAD	1
50710-AG5	WASHER	2
50723-E	WASHER	1
50612-E15	TUBE	1
714167-A1	LEAD	1

ITEM	B & S INSUL.	TURNS	RES.	AMP TURNS PER VOLT	WINDING	DRN BY - DATE
A7	14 SCE	550			SPLIT	
	13 SCE	437	2.8	352.5		
A8	13 SCE	437			SPLIT	
	12 SCE					
A9	12 SCE				SPLIT	
	11 SCE	225				
A10	22 SCE	5100	100		CONTINUOUS	
A11	23 SCE	6000	150		CONTINUOUS	
A12	*10 SCE	440	0.54		CONTINUOUS	
A13	*9 SCE	366	.387		CONTINUOUS	
A14	*10 HF	495	0.6	825	CONTINUOUS	
A15	*11 HF	616	0.95	645	"	
A16	*13 HF	970	2.4	404	"	
A17	*14 HF	1220	3.8	1017	"	
A18	*17 HF	2350	14.6	1610	"	

INSULATE
600V
INSULATE
750V

REVISIONS

- REDWN W/O CHG 12-10-44 WMS
5 + 714167 & 170-A1 28 12/1/45