

SWITCH NO.

CONTACT HANDLE END	1		2		3		4		5		6		7		8		9		10		11		12	
	TERMINAL NO.	VOLTAGE OR USE	TERMINAL NO.	VOLTAGE OR USE	TERMINAL NO.	VOLTAGE OR USE	TERMINAL NO.	VOLTAGE OR USE	TERMINAL NO.	VOLTAGE OR USE	TERMINAL NO.	VOLTAGE OR USE	TERMINAL NO.	VOLTAGE OR USE	TERMINAL NO.	VOLTAGE OR USE	TERMINAL NO.	VOLTAGE OR USE	TERMINAL NO.	VOLTAGE OR USE	TERMINAL NO.	VOLTAGE OR USE	TERMINAL NO.	VOLTAGE OR USE
0-1-0	1	D.C. TRIP																						
0-1-0	2																							
0-1-0		3	+550	15	+260	27	+110A	39	-550	51	+25B	63	-85A	75	-30A	87	-235	99	-345C	111	475	123	SPARE	
0-1-0		4	+525	16	+230	28	+110B	40	+55E	52	+20A	64	-85B	76	-30B	88	-240	100	-360	112	-555	124	SPARE	
0-1-0		5	+505	17	+225A	29	+110C	41	+55F	53	+20B	65	-85C	77	-30C	89	-245	101		113	-535	125	SPARE	
0-1-0		6	+500	18	+225B	30	+110D	42	+55G	54	+20C	66	-90A	78	-30D	90	-265	102	-375	114	-540	126	SPARE	
0-1-0		7	+460	19	+220	31	+100	43	+50A	55	SPARE	67		79	-140	91	-250	103	-385	115	-545	127	SPARE	
0-1-0		8	+370	20	+200	32	+95	44	+50B	56	SPARE	68	-95V	80	-150	92	-295	104	-400	116	-725	128	SPARE	
0-1-0		9	+345	21	+195	33	+80	45	+50C	57	-15	69		81	-170	93	-300	105	-415	117	-530	129	SPARE	
0-1-0		10	+330	22	+160	34	+75	46	+50D	58	-10	70	-105B	82	-175	94	-315	106	-425	118	-815	130	SPARE	
0-1-0		11	+290	23	+150A	35	+55A	47	+50E	59	-40	71	-115	83	-180A	95	-320	107	-435	119	-855	131	SPARE	
0-1-0		12	+285	24	+150B	36	+55B	48	+50F	60	-75	72	-120	84	-180B	96	-345A	108	-450	120	-820	132	SPARE	
0-1-0		13	+280	25	+130	37	+55C	49	+25A	61	-80	73	-125	85	-200	97	-345B	109	-470	121	SPARE	133	SPARE	
0-1-0		14	IND.	26	IND.	38	IND.	50	IND.	62	IND.	74	IND.	86	IND.	98	IND.	110	IND.	122	IND.	134	IND.	

MINN. C.A. 4-87 CIV 139

PLAINTIFF'S TRIAL EXHIBIT No. 22329

015444

MOORE SCHOOL OF ELECTRICAL ENGINEERING
UNIVERSITY OF PENNSYLVANIA

DC DISCONNECT SWITCH CONNECTION CHART

SCALE

DRAWN BY S. PAUL
CHECKED BY R. E. W. 4-1-42
APPROVED BY R. E. W. 4-1-42
PX-13-117