



Voltmeter and Ammeter Switches

March 1923

GENERAL RAILWAY SIGNAL COMPANY

Switchboards
Voltmeter and Ammeter Switches

Drawing references are shown for convenience in checking shipping lists and invoices.

Fig. No.	Name	Drawing Reference
Order by plate, figure number and name		
A	Voltmeter Switch Complete, radial type, for mounting on back of Switchboard with Controlling Handle and Indicating Dial on front of board, as shown, equipped for four (4) circuits. . .	
A1	as above, except equipped for eight (8) Circuits.	
A2	same as Fig. A, except equipped for twelve (12) Circuits.	
A3	same as Fig. A, except equipped for sixteen (16) Circuits.	
A4	same as Fig. A, except equipped for twenty (20) Circuits.	
B	Voltmeter Switch, Single Pole, for two (2) Circuits complete as shown, for mounting on 1½ inch slate. (1-1, 1-2, 2-3, 1-4, 2-5, 1-6, 1-7, 1-8, 1-9, 3-10, 2-11, 6-12, 2-13, 1-14, 1-15).	1981
B1	as above, except arranged for three (3) Circuits. (1-1, 1-2, 2-3, 2-4, 3-5, 1-6, 1-7, 1-8, 1-9, 3-10, 2-11, 9-12, 3-13, 2-14, 2-15).	1982
B2	same as Fig. B, except for mounting on 1 inch slate.	1981
B3	same as Fig. B1, except for mounting on 1 inch slate.	1982
C	Voltmeter Switch, 2 Pole, for two (2) Circuits Complete, as shown for mounting on 1½ inch slate. Includes two single Pole, two Circuit Switches Fig. B with Connecting Bar. (2-1, 1-2, 2-3, 2-4, 4-5, 2-6, 2-7, 2-8, 1-9, 6-10, 2-11, 12-12, 4-13, 2-14, 2-15, 2-16, 1-17).	1983
C1	as above, except arranged for three (3) Circuits. Includes two Single Pole, three Circuit Switches Fig. B1 with Connecting Bar. (2-1, 1-2, 2-3, 4-4, 6-5, 2-6, 2-7, 2-8, 1-9, 6-10, 2-11, 18-12, 6-13, 4-14, 4-15, 2-16, 1-17).	1984
C2	same as Fig. C, except for mounting on 1 inch slate.	1983
C3	same as Fig. C1, except for mounting on 1 inch slate.	1984
D	Ammeter Switch Complete, Single Pole, for two Circuits, as shown for mounting on 1½ inch slate. (1-1, 1-2, 2-3, 1-6, 1-7, 1-8, 1-9, 3-10, 2-11, 6-12, 2-13, 2-18, 2-19).	3212
D1	as above, except for mounting on 1 inch slate.	3212

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Fig No.	Name	Drawing Reference
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E	Ammeter Jack Complete, as shown for mounting on 1½ inch slate. (Does not include Plug). (2-20, 1-21, 4-22, 12-23, 4-24, 12-25, 2-26, 2-27, 1-28, 2-29).....	
E1	as above, except for mounting on 1 inch slate.....	10247
F	Plug Complete as shown, for Ammeter Jack Fig. E, Slate 1½ inches in thickness.....	
F1	as above, except for Fig. E1, 1 inch slate.....	17375
1	Lever for Voltmeter and Ammeter Switches Figs. B, C and D...	1996
2	Handle for Lever Fig. 1.....	1999
3	Stop, for Lever Fig. 1 for mounting on 1½ inch slate.....	31512
3a	as above, except for mounting on 1 inch slate.....	1997
4	Insulator for Voltmeter Switch as shown.....	1989
5	Contact for Voltmeter Switch as shown.....	1988
6	Washer as shown for Stud Fig. 8.....	1987
7	Spring for Lever Fig. 1.....	3227
8	Stud for Lever Fig. 1, (1½ inch slate).....	31513
8a	as above, except for 1 inch slate.....	1998
9	Screw, No. 8-32 x ½" rd. hd., for Handle Fig. 2.....	2430-2
10	Nut, ¼-24 hex. brass for Stud Fig. 8.....	20098
11	Nut, No. 8-32 hex. for Stop Fig. 3.....	3891-2
12	Nut, No. 12-28 hex. for Screw Fig. 13.....	740
13	Screw, headless, for Contact Fig. 5 for 1½ inch slate.....	31514
13a	as above, except for 1 inch slate.....	1995
14	Screw, No. 8-32 rd. hd., for Insulator Fig. 4 (1½ inch slate).....	0106
14a	as above, except for 1 inch slate.....	2433
15	Washer for Screw Fig. 14.....	975
16	Screw, No. 8-32 x ½" rd. hd., with hex. nut for Bar Fig. 17....	
17	Bar for 2 pole Voltmeter Switch Fig. C.....	2000
18	Contact for Ammeter Switch Fig. D.....	2824
19	Contact Spring for Ammeter Switch Fig. D.....	2802

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Fig. No.	Name	Drawing Reference
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20	Screw, fl. hd., for mounting ammeter jack Fig. E on 1½ inch slate.....	
20a	as above, except for mounting ammeter jack Fig. E on 1 inch slate.....	41998
21	Escutcheon, for mounting ammeter jack Fig. E.....	10216
22	Bushing, for screw Fig. 24.....	6452
23	Nut, ¼"-24 hex., for screw Fig. 24.....	7395
24	Screw, sq. hd., used as terminal post.....	10223
25	Washer, for screw Fig. 24.....	1225
26	Contact Spring for ammeter jack Fig. E.....	10218
27	Insulating Strip for ammeter jack Fig. E.....	10214
28	Yoke Complete, as shown.....	10213
29	Contact Spring, for ammeter jack Fig. E.....	10219