



Three Arm Upper Quadrant Ground Signals

March 1916

**GENERAL RAILWAY SIGNAL COMPANY**

**Three Arm  
Upper Quadrant Ground Signals  
Model 2A Top of Mast Mechanism**

Unless otherwise specified, signals will be furnished as illustrated on opposite page. Lamps, number plates and foundations are not included. If Signals other than those shown are desired, specify height to center of blades and give reference numbers to spectacle and blade; also state number and color of roundels. See Part 18 of this Section for spectacles, blades and roundels and Part 17 for masts, ladders, bearings, etc.

Circuit Controllers are equipped with the contacts necessary for the local control of the signal only. If pole changing contacts or extra drag contacts are required, same must be specified. State the positions of the signal blade at which each extra contact is to make and break, considering the stop position as 0 degree.

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

Fig. No.	Name	Drawing Reference
<b>Order by plate, figure number and name</b>		
A	Three Arm Upper Quadrant Model 2A Ground Signal, with 8 volt Mechanism, complete as shown. For details and specifications of Signal Mechanism see Plate H0901. . . . .	
A1	as above, except without Foundation Bolts and Roundels. . . . .	
A2	same as Fig. A, except two Arms operative and one Arm fixed. Specify Arm and position of Arm to be fixed. . . . .	
A3	same as Fig. A2, except without Foundation Bolts and Roundels. . . . .	
A4	same as Fig. A, except one Arm operative and two Arms fixed. Specify Arms and position of Arms to be fixed. . . . .	
A5	same as Fig. A4, except without Foundation Bolts and Roundels. . . . .	
B	same as Fig. A, except with 10 volt Mechanism. . . . .	
B1	as above, except without Foundation Bolts and Roundels. . . . .	
B2	same as Fig. B, except two Arms operative and one Arm fixed. Specify Arm and position of Arm to be fixed. . . . .	
B3	same as Fig. B2, except without Foundation Bolts and Roundels. . . . .	
B4	same as Fig. B, except one Arm operative and two Arms fixed. Specify Arms and position of Arms to be fixed. . . . .	

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Fig. No.	Name	Drawing Reference
	<b>Order by plate, figure number and name</b>	
B5	same as Fig. B4, except without Foundation Bolts and Roundels.....	
C	same as Fig. A, except with 20 volt Mechanism.....	
C1	as above, except without Foundation Bolts and Roundels....	
C2	same as Fig. C, except two Arms operative and one Arm fixed. Specify Arm and position of Arm to be fixed.....	
C3	same as Fig. C2, except without Foundation Bolts and Roundels.....	
C4	same as Fig. C, except one Arm operative and two Arms fixed. Specify Arms and position of Arms to be fixed.....	
C5	same as Fig. C4, except without Foundation Bolts and Roundels.....	
D	Three Arm Upper Quadrant Model 2A Ground Signal, with 25 volt Mechanism complete as shown. For details and specifications of Signal Mechanism see Plate H0903.....	
D1	as above, except without Foundation Bolts and Roundels..	
D2	same as Fig. D, except two Arms operative and one Arm fixed. Specify Arm and position of Arm to be fixed.....	
D3	same as Fig. D2, except without Foundation Bolts and Roundels.....	
D4	same as Fig. D, except one Arm operative and two Arms fixed. Specify Arms and position of Arms to be fixed....	
D5	same as Fig. D4, except without Foundation Bolts and Roundels.....	
E	same as Fig. D, except with 110 volt Mechanism.....	
E1	as above, except without Foundation Bolts and Roundels...	
E2	same as Fig. E, except two Arms operative and one Arm fixed. Specify Arm and position of Arm to be fixed.....	
E3	same as Fig. E2, except without Foundation Bolts and Roundels.....	

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Fig. No.	Name	Drawing Reference
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E4	same as Fig. E, except one Arm operative and two Arms fixed. Specify Arms and position of Arms to be fixed. . . .	
E5	same as Fig. E4, except without Foundation Bolts and Roundels. . . . .	
1	Model 2A 8 volt Signal Mechanism Complete, includes Clamp Bearing, for Fig. A. For details and specifications see Plate H0901 Fig. A. . . . .	
1a	same as Fig. 1, except 10 volt, for Fig. B. . . . .	
1b	same as Fig. 1, except 20 volt, for Fig. C. . . . .	
2	Model 2A 25 volt Signal Mechanism Complete, includes Clamp Bearing, for Fig. D. For details and specifications see Plate H0903 Fig. A. . . . .	
2a	same as Fig. 2, except 110 volt, for Fig. E. . . . .	
3	Mast, 38' 0" long of 5" and 6" pipe, drilled for Wire Outlets, includes R. S. A. Base, for Three Arm Signals Figs. A. to E inclusive. For details see Plate H1701. . . . .	31496
4	Ladder Complete, includes Hand Rails, Platforms, Stays, Clamps and Bolts, for Figs. A to E inclusive. Does not include Foundation. For details see Plate H1701. . . . .	33983