



UNION SWITCH & SIGNAL CO.

COLOR LIGHT SIGNAL

For Signal Units Refer to Plates B-3425, B-3435, B-3440 and B-3451  
 For Relay and Instrument Case Refer to Plate L-1225

Order by Plate, Piece, Reference and Abbreviated Description Given in  
**Heavy Face Type Only**

Color Light Signal with Three-Color Unit, 5" Single Lens, Illuminated Number Plate, Pole, Steps, Foundation Bolts and 10-Volt, 5-Watt Single Contact Bayonet Base Lamp Bulbs (Orders should specify number desired on Number Plate) Dwg. B-10325-338					
Piece	Ref.	Signal Unit			Ref. . . . . Plate B-3425
		Top Lens	Middle Lens	Bottom Lens	
	<b>A</b>	Green	Yellow	Red	<b>A</b>
	<b>Aa</b>	Blank	Yellow	Red	<b>Aa</b>
Color Light Signal with Three-Color Unit, 6 $\frac{3}{8}$ " Doublet Lens, Illuminated Number Plate, Double Relay Case, Foundation Bolts, Ladder and 120-Volt, 36-Watt Screw Base Lamp Bulbs (Orders should specify number desired on Number Plate) Dwg. B-10325-334					
Piece	Ref.	Signal Unit			Ref. . . . . Plate B-3435
		Top Lens	Middle Lens	Bottom Lens	
	<b>B</b>	Green	Yellow	Red	<b>A</b>
	<b>Ba</b>	Blank	Yellow	Red	<b>Ab</b>
	<b>Bb</b>	Blank	Blank	Red	<b>Ac</b>

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Piece	Ref.	Description	Dwg. Ref.
	C	Color Light Signal with Three-Color Unit (Ref. A, Plate B-3435, Top Lens "GREEN," Middle Lens "YELLOW," Bottom Lens "RED"), 6 $\frac{3}{8}$ " Doublet Lens, Illuminated Number Plate, Signal Unit with 8 $\frac{3}{8}$ " Doublet Clear Lens, Double Relay Case, Ladder, Foundation Bolts and 120-Volt, 36-Watt Screw Base Lamp Bulbs (Orders should specify number desired on Number Plate).....	B-10325-335

Color Light Signal with Two Three-Color Units, 6 $\frac{3}{8}$ " Doublet Lens, Illuminated Number Plates, Double Relay Case, Foundation Bolts, One Color Light Signal with 6 $\frac{3}{8}$ " Doublet Lens, Ladder and 120-Volt, 36-Watt Screw Base Lamp Bulbs (Orders should specify numbers desired on Number Plates) Dwg. B-10325-339

Piece	Ref.	Top Signal Unit				Bottom Signal Unit			
		Top Lens	Middle Lens	Bottom Lens	Ref..... Plate B-3435	Top Lens	Middle Lens	Bottom Lens	Ref..... Plate B-3435
D		Green	Yellow	Red	A	Blank	Yellow	Red	Ab
Da		Green	Yellow	Red	A	Green	Yellow	Red	A
Db		Green	Yellow	Red	A	Green	Blank	Red	Aa
Dc		Blank	Yellow	Red	Ab	Green	Yellow	Red	A
Dd		Blank	Yellow	Red	Ab	Green	Blank	Red	Aa
De		Blank	Yellow	Red	Ab	Blank	Yellow	Red	Ab

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Piece	Ref.	Description	Drawing Reference
	2	Three-Color Light Signal Unit (Refer to Plate B-3425 for details and assemblies).....	C-6769-34
	3	Three-Color Light Signal Unit (Refer to Plate B-3435 for details and assemblies).....	C-6769-36
179138	4	Light Signal Unit with illuminated Letter "S" with 120-Volt, 36-Watt Medium Screw Base Lamp Bulb (For details refer to Plate B-3451).....	C-6769-49
159171	5	One-Color Light Signal, with 6 $\frac{3}{8}$ " Doublet Yellow Lens and 120-Volt, 36-Watt Screw Base Lamp Bulbs (For details refer to Plate B-3440).....	C-6769-31
179391	6	Single Step Complete (For details refer to Plate B-3474).....	12536-5
179510	7	Double Step Complete (For details refer to Plate B-3474).....	12536-5
179312	8	Sloping Ladder, 11'-8 $\frac{7}{8}$ " Long (For details refer to Plate B-3474).....	B-10313-485
160510	9	Sloping Ladder, 14'-4" Long (For details refer to Plate B-3474).....	B-10313-459
179422	10	Post, 3" Pipe, 6'-0 $\frac{3}{4}$ " long, with Base.....	B-12440-1
164563	11	End Cover.....	C-9060-10
	12	Socket with three Set Screws Ref. 12a.....	C-9060-38
	12a	Set Screw, $\frac{5}{8}$ "x1 $\frac{1}{2}$ " Sq. Hd. Flat Pt. I. with Hex. Jam Nut (Cad. Pl.)	
	13	Tap Bolt, $\frac{5}{8}$ "-11x1 $\frac{1}{2}$ " Hex. Hd. with $\frac{5}{8}$ " Pl. S. Lock Washer ( $\frac{3}{16}$ "x $\frac{3}{32}$ " ) (Cad. Pl.) (For attaching End Cover to Unit)	

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Piece	Ref.	Description	Drawing Reference
136173	14	Tap Bolt, $\frac{5}{8}$ "-11x1 $\frac{1}{4}$ " Hex. Hd. with $\frac{5}{8}$ " Pl. S. Lock Washer ( $\frac{3}{16}$ "x $\frac{3}{32}$ "") (Cad. Pl.) (For attaching Unit to Socket and End Plate Ref. 21 to Unit)	
	15	Foundation Bolt, $\frac{3}{4}$ "x2'-0" with $\frac{3}{4}$ " S. Plate Washer and $\frac{3}{4}$ " Hex. Nut.....	7913-343
	16	Bolt, $\frac{1}{2}$ "x1 $\frac{1}{2}$ " Sq. Hd. with $\frac{1}{2}$ " Hex. Nut (Cad. Pl.) (For attaching Ladder to End Plate Ref. 21)	
	17	Relay Case Complete (For details refer to Ref. Dz, Plate L-1225).....	C-7538-37
179231	18	Bolt, $\frac{5}{8}$ "-11x2 $\frac{1}{8}$ " Hex. Hd. S. with $\frac{5}{8}$ " Pl. S. Lock Washer ( $\frac{3}{16}$ "x $\frac{3}{32}$ "") and $\frac{5}{8}$ " Hex. Nut (Cad. Pl.) (For attaching Post to Adapter of Relay Case)	
	19	Tap Bolt, $\frac{1}{2}$ "-13x $\frac{3}{4}$ " Hex. Hd. (Cad. Pl.) (For attaching Ladder Stay to Adapter)	
159468	20	Post, 16 $\frac{1}{4}$ " long.....	C-9060-39
	21	End Plate.....	C-9060-21
	22	Bolt, $\frac{5}{8}$ "-11x1 $\frac{3}{4}$ " Hex. Hd. with $\frac{5}{8}$ " Pl. S. Lock Washer ( $\frac{3}{16}$ "x $\frac{3}{32}$ "") and $\frac{5}{8}$ " Hex. Jam Nut (Cad. Pl.) (For attaching Signal Unit to Post)	
	23	Bolt, $\frac{5}{8}$ "-11x1 $\frac{7}{8}$ " Hex. Hd. with $\frac{5}{8}$ " Pl. S. Lock Washer ( $\frac{3}{16}$ "x $\frac{3}{32}$ "") and $\frac{5}{8}$ " Hex. Nut (Cad. Pl.) (For attaching Signal Unit to Adapter of Relay Case)	
	24	Bolt, $\frac{5}{8}$ "-11x1 $\frac{1}{2}$ " Hex. Hd. with $\frac{5}{8}$ " Pl. S. Lock Washer ( $\frac{3}{16}$ "x $\frac{3}{32}$ "") and $\frac{5}{8}$ " Hex. Jam Nut (For attaching Signal Units together)	