

Housing Door

The housing door of each section is a one-piece molded ultraviolet and heat-stabilized polycarbonate unit. Two hinge tabs are molded into one side and two latch jaws are molded onto the other side. The door is attached to the housing by means of two stainless steel hinge pins. Two stainless steel "eye" bars and wing nuts on one side of the door allow for opening and closing the signal door without the use of any special tools. A gasket groove on the inside of the door accommodates a weatherproof and mildew-proof resilient gasket which, when the door is closed, seals flat against the housing, creating a positive seal. The outer face of the door has four metal threaded inserts, equally spaced about the circumference of the lens opening, with four screws to accommodate the signal head visors. The door and visor overlap to prevent light escaping between visor and door.

Optical System

Lens - The prismatic traffic signal lens is standard red, yellow, or green and conforms to the latest revision of the ITE standard specifications. The lens fits into a specially designed, slotted, extruded, and bonded full-circle lens gasket designed to fit the housing door so as to exclude moisture, dust, and road film. The lens and gasket are secured to the door with four aluminum lens clips and stainless steel screws. The lenses are polycarbonate, glass, or LED, as specified.

Reflector - The reflector assembly consists of a glass or polycarbonate or aluminum reflector, the spun ALZAK aluminum reflector, or optional urethane reflector. The ALZAK aluminum reflector is the preferred assembly. It is provided with a gasket consisting of two molded polyurethane seal supports so that it can be easily swung around rear view reflectors.

The entire assembly is easily removed for maintenance or service without the use of tools.

Lamp Receptacle - The pre-focused, molded, non-lead lamp receptacle is equipped with a lamp grip to prevent the lamp from becoming loose due to vibration. The receptacle is rotated to allow proper orientation of lamp filament.

Bail - The bail is a corrosion-resistant brass wire assembly that secures and orients the socket in the receptacle.

Wiring

Each receptacle provides two terminals with "Fast-on" type terminals. Wires are color-coded per customer specifications.

Lamp receptacle conductor size: 18 AWG (or larger) 600V appliance wiring material which conforms to Military Specification MIL-W-16878 D, Type B with a vinyl nylon jacket rated 115°C.

Terminal Block

Each complete signal head is provided with a terminal block. The terminal block is placed in the bottom section unless otherwise specified. The ter-

minals are standard three-section "Fast-on" type terminals. The terminals are provided in six positions for standard wiring. One side of each terminal is provided with a yellow and white color-coded lead, leaving the other side of the terminal for field wiring.

Visors

Visors are made of clear or tinted acrylic and are 10 inches wide and 10 inches high. They are molded from ultra-weatherproof, stabilized polycarbonate. They are attached to the door with four screws.

Color

The color of the lens, reflector, door or visor can be selected. The yellow glass lens is standard. The reflector and visor are not to be painted.

- Visor color is specified by:
- 2915, 2916, 2917, 2918, 2919, 2920, 2921, 2922, 2923, 2924, 2925, 2926, 2927, 2928, 2929, 2930, 2931, 2932, 2933, 2934, 2935, 2936, 2937, 2938, 2939, 2940, 2941, 2942, 2943, 2944, 2945, 2946, 2947, 2948, 2949, 2950, 2951, 2952, 2953, 2954, 2955, 2956, 2957, 2958, 2959, 2960, 2961, 2962, 2963, 2964, 2965, 2966, 2967, 2968, 2969, 2970, 2971, 2972, 2973, 2974, 2975, 2976, 2977, 2978, 2979, 2980, 2981, 2982, 2983, 2984, 2985, 2986, 2987, 2988, 2989, 2990, 2991, 2992, 2993, 2994, 2995, 2996, 2997, 2998, 2999, 3000
 - 2915, 2916, 2917, 2918, 2919, 2920, 2921, 2922, 2923, 2924, 2925, 2926, 2927, 2928, 2929, 2930, 2931, 2932, 2933, 2934, 2935, 2936, 2937, 2938, 2939, 2940, 2941, 2942, 2943, 2944, 2945, 2946, 2947, 2948, 2949, 2950, 2951, 2952, 2953, 2954, 2955, 2956, 2957, 2958, 2959, 2960, 2961, 2962, 2963, 2964, 2965, 2966, 2967, 2968, 2969, 2970, 2971, 2972, 2973, 2974, 2975, 2976, 2977, 2978, 2979, 2980, 2981, 2982, 2983, 2984, 2985, 2986, 2987, 2988, 2989, 2990, 2991, 2992, 2993, 2994, 2995, 2996, 2997, 2998, 2999, 3000
 - 2915, 2916, 2917, 2918, 2919, 2920, 2921, 2922, 2923, 2924, 2925, 2926, 2927, 2928, 2929, 2930, 2931, 2932, 2933, 2934, 2935, 2936, 2937, 2938, 2939, 2940, 2941, 2942, 2943, 2944, 2945, 2946, 2947, 2948, 2949, 2950, 2951, 2952, 2953, 2954, 2955, 2956, 2957, 2958, 2959, 2960, 2961, 2962, 2963, 2964, 2965, 2966, 2967, 2968, 2969, 2970, 2971, 2972, 2973, 2974, 2975, 2976, 2977, 2978, 2979, 2980, 2981, 2982, 2983, 2984, 2985, 2986, 2987, 2988, 2989, 2990, 2991, 2992, 2993, 2994, 2995, 2996, 2997, 2998, 2999, 3000
 - 2915, 2916, 2917, 2918, 2919, 2920, 2921, 2922, 2923, 2924, 2925, 2926, 2927, 2928, 2929, 2930, 2931, 2932, 2933, 2934, 2935, 2936, 2937, 2938, 2939, 2940, 2941, 2942, 2943, 2944, 2945, 2946, 2947, 2948, 2949, 2950, 2951, 2952, 2953, 2954, 2955, 2956, 2957, 2958, 2959, 2960, 2961, 2962, 2963, 2964, 2965, 2966, 2967, 2968, 2969, 2970, 2971, 2972, 2973, 2974, 2975, 2976, 2977, 2978, 2979, 2980, 2981, 2982, 2983, 2984, 2985, 2986, 2987, 2988, 2989, 2990, 2991, 2992, 2993, 2994, 2995, 2996, 2997, 2998, 2999, 3000

Technical Data

- Dimensions: 14 in. H x 15 1/2 in. W x 11 1/2 in. D
- Weight: 10.36 lb (less visor)
- Shipping weight: 16.92 lb (less visor)

© 2007 Econolite Control Products, Inc. All rights reserved. All other marks are the property of their respective owners. Specifications are subject to change without notice.

3360 E. La Palma, Anaheim, CA 92806-2888
Tel: (714) 930-3700 • Fax: (714) 930-9949
E-Mail: sales@econolite.com
www.econolite.com
2130360102-1

ECONOLITE
Solutions that Move the World®

ANAB