

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

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ELECTROLYSIS

PLACING KS-14385 ELECTROLYSIS SWITCH

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1. GENERAL

1.01 This section covers the installation of the KS-14385 electrolysis switch.

2. PLACING

2.01 The switch assembly is housed in a waterproof case and may be installed in manholes, other damp locations, on poles, or in buildings. The location will be specified on the detail plans.

2.02 The case must be mounted in a vertical position to assure proper operation of the relays. A plate drilled with 11/16-inch holes top and bottom is permanently fixed to the back of the case to facilitate mounting.

2.03 The galvanized steel case is approximately 20 inches high, 16 inches wide and 10 inches deep. The hinged cover is equipped with a rubber gasket and is clamped in place with ten nuts and bolts of the hand-wheel type. It is fitted with two valves for pressure testing. Electrical connections enter the bottom of the case and the bushings through which they pass are sealed with rubber packings. The packings are plugged for airtightness and the plugs should be removed only at such time as wire entrances are to be made.

2.04 On masonry surfaces 1/2-inch Machine Bolt Anchors with 2-1/2-inch by 1/2-inch bolts should be used to attach the switch. On wood surfaces the case should be attached using 4-1/2-inch by 1/2-inch Coach Screws or Drive Screws.

KS 14387
WATERPROOF APPARATUS CASE

