

Mountable ROC Enclosures (Small)

These enclosures house a ROC300-Series Remote Operations Controller and can be mounted either on a wall or on a pipestand. The enclosures withstand exposure to wind, rain, and icing, thereby providing environmental protection for electronic equipment in a broad range of field installations.

The enclosures are available in three models: EN34, EN35, and EN37. Depending on the model, the enclosure can accommodate a ROC364 with up to 32 I/O points, a ROC306, or a ROC312. In addition, the enclosure can house a local display panel, a user-supplied radio, and, in some cases, a power supply and a battery. The component layout drawings in this specification sheet show typical placement of components (when supplied by the factory) in each model of enclosure.

Each ROC Enclosure features an operator interface connector (a mating cable assembly is available as an accessory), a ground bar and lug, a hinged door with locking latches, cutouts and studs for the optional local display panel, and two pre-cut conduit

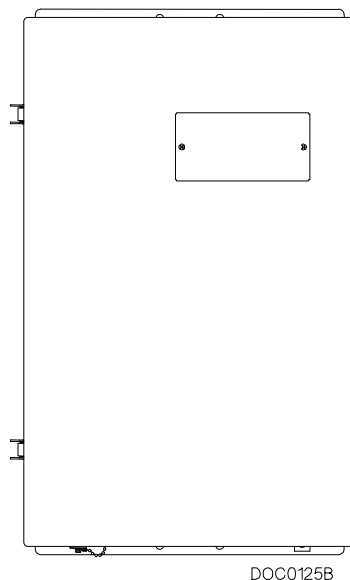
holes (typically used for power and antenna). The enclosures are constructed of heavy-gauge steel with a baked-on, corrosion-resistant finish.

Intrusion Switch

An intrusion switch is available for the ROC Enclosures to provide a contact closure when the door is opened. This contact closure can be monitored through the ROC by using a Discrete Input to provide a security alarm.

Battery Enclosures

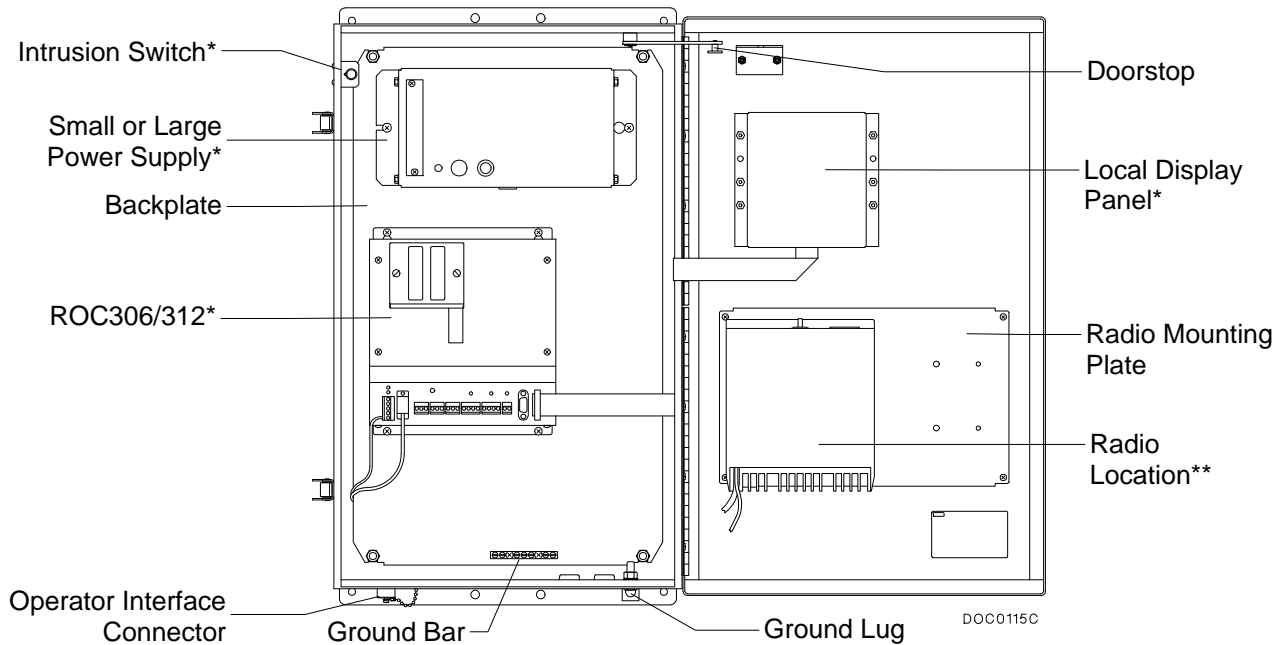
A separate Battery Enclosure is also available for use with the ROC Enclosure, typically for models without a battery shelf. The Battery Enclosure is normally floor-mounted near the ROC Enclosure. It is available in a partitioned model, which has a compartment and mounting plate for a ROC power supply (see Specification Sheet 2.2:PS), for use with the EN34 enclosure.



Mountable ROC Enclosure (Small)

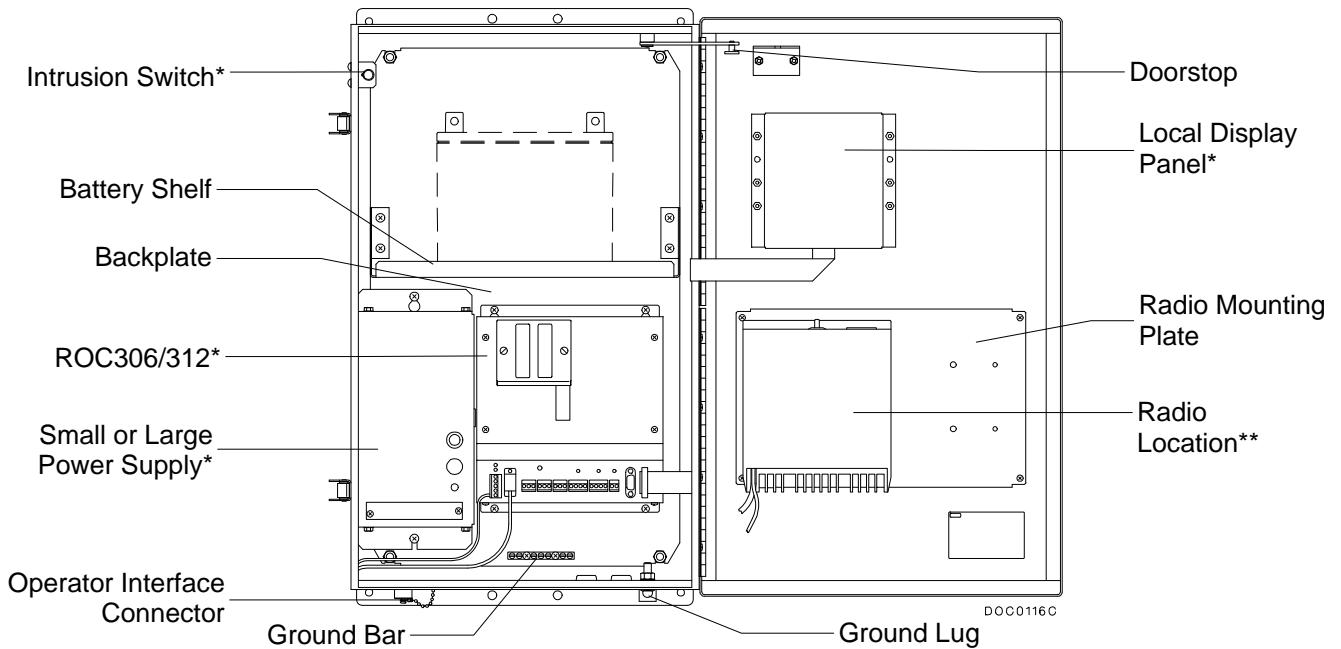
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Specification Sheet



*Optional
 **Radio Not Included

Component Layout for EN37 Enclosure (holds ROC306/ROC312)



*Optional
 **Radio Not Included

Component Layout for EN35 Enclosure (holds ROC306/ROC312 and batteries)

Battery Enclosure Specifications

CONSTRUCTION

14-gauge welded steel box and lid (hinged along length), with screw-clamp lid fasteners, vapor vent, and floor or pole-mount flanges. Available in a partitioned model (ENB2), which has a compartment and mounting plate for a power supply.

Finish: Baked-on white polyester urethane.

DIMENSIONS

External: 410 mm L by 355 mm W by 255 mm D (16 in. L by 14 in. W by 10 in. D).

Internal (useable): 387 mm L by 333 mm W by 238 mm D (15.25 in. L by 13.125 in. W by 9.375 in. D).

Power supply compartment in partitioned box is 175 mm by 350 mm (7 in. by 14 in.).

MOUNTING

Two flanges on ends of box each have two 8 mm (0.3 in.) holes for flange mounting, with centers 425 mm (16.75 in.) by 305 mm (12 in.). Holes and U-bolt kit for pipestand mounting also provided.

CAPACITY

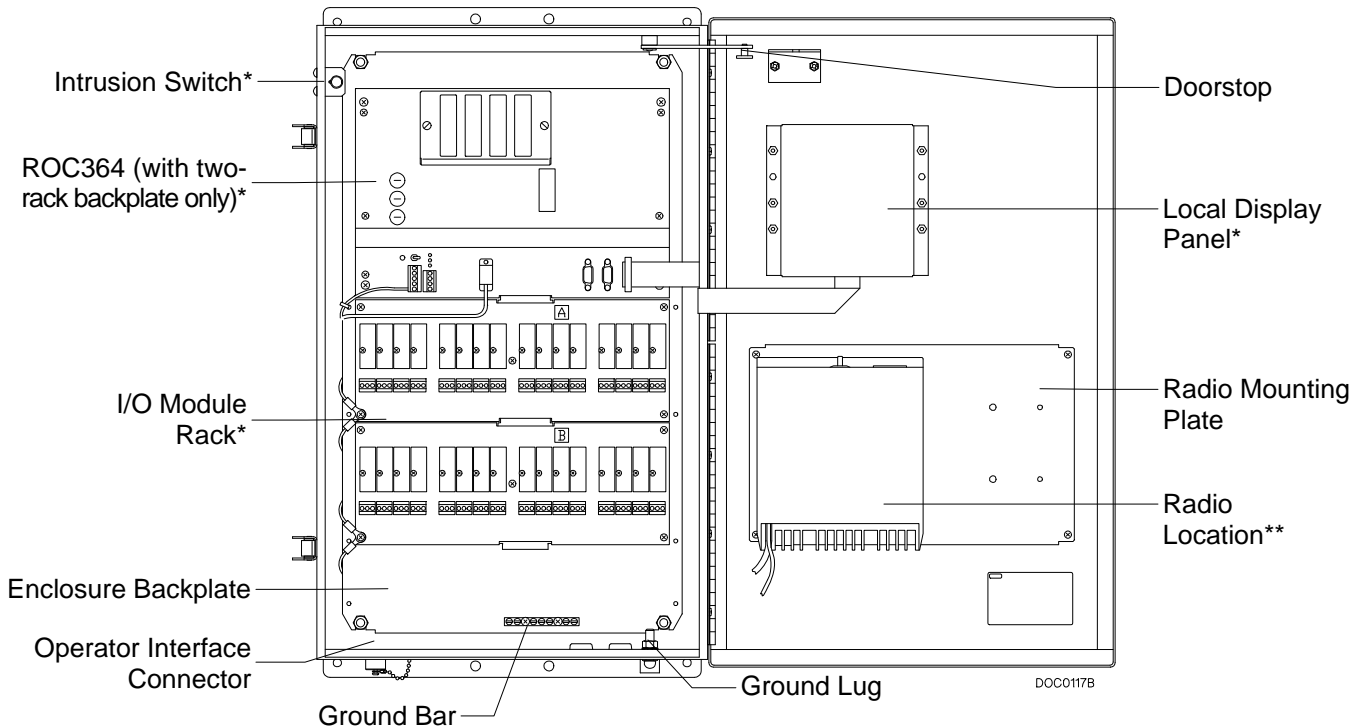
Non-partitioned box (ENB3) holds batteries supplying up to 120 Amp-Hour @ 12V or 60 Amp-Hour @ 24V.

WEIGHT (EMPTY)

Without partition, 10.9 kg (24 lb); with partition, 12.3 kg (27 lb).

APPROVAL RATING

CSA Type 13 (NEMA 13 equivalent).



*Optional
**Radio Not Included

Component Layout for Model EN34 Enclosure (holds ROC364)

ROC Enclosure Specifications

MOUNTABLE ROC ENCLOSURES

Construction: 14-gauge welded steel box and door with stainless steel hinges and latches. Model with battery shelf has acid-resistant plastic tray.

Rating: CSA Type 4 (NEMA 4 equivalent).

Finish: Baked-on polyester urethane in RAL 7035 gray.

Dimensions: Refer to the ROC Enclosure Dimensions drawing below. Battery shelf in EN35 model is 135 by 310 mm (5.3 by 12.2 in.), with 226 mm (8.9 in.) of access height.

Wall Mounting: See ROC Enclosure Dimensions drawing below.

Pipestand Mounting: Mounts by using optional kit.

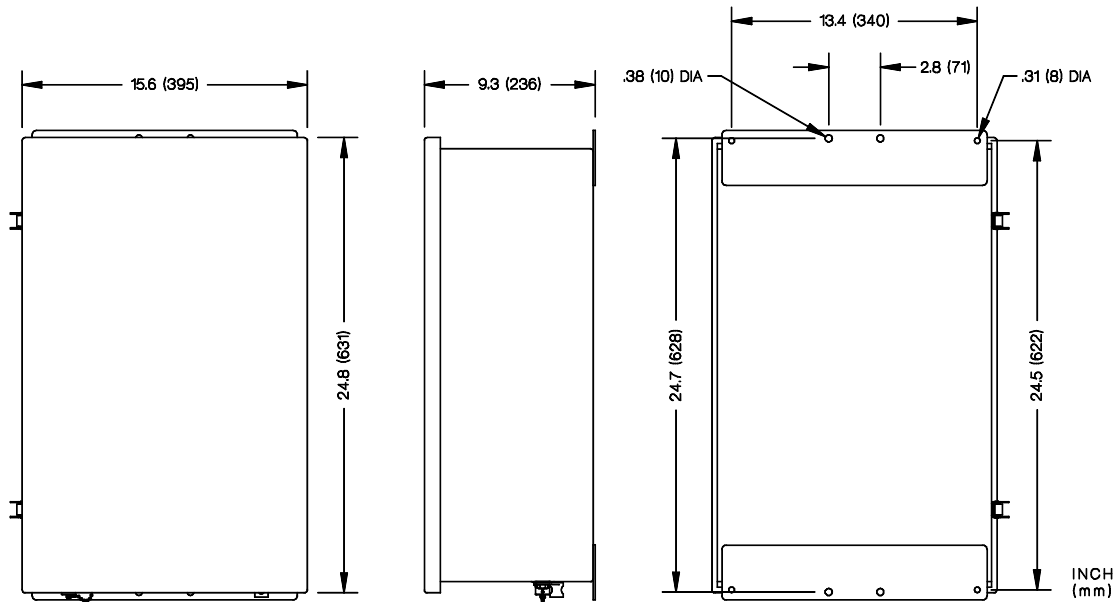
Weight (empty): 17.3 kg (38 lb).

INTRUSION SWITCH (OPTIONAL)

Type: SPST, normally-closed, spring-loaded plunger switch, with push-on terminals for NC and Common.

Maximum Contact Rating (Resistive Load): 100 mA at 100 Vdc.

Approvals: Approved by CSA for hazardous locations Class I, Division 2, Groups A, B, C, and D.



ROC Enclosure Dimensions

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