ENC24/30, ENC24/30S
Large Steel Enclosures

Rugged, Versatile
Campbell components mount easily and securely

Benefits and Features

› Weather resistant to protect instruments
› Backplate designed so that Campbell Scientific components mount easily and securely

Overview

The ENC24/30 and ENC24/30S are large steel enclosures that provide additional wiring room. They include a prepunched backplate with 0.5-inch-on-center holes suitable for attaching the datalogger, power supply, communication device, and measure ment and control peripherals. The enclosures can be mounted to a building, tower, or other structures, but the users must provide their own mounting. The ENC24/30 is a painted mild-steel version, and the ENC24/30S is a stainless-steel version.

Cable-Entry Options

The ENC24/30 and ENC24/30S can be ordered with one to four 1.5-inch conduit openings or 12 individual cable-entry seals.

Conduit(s)

Multiple cables can be routed through one conduit. A plug included in the 7363 enclosure supply kit can reduce the conduit's internal diameter to 0.5 inch (1.3 cm). The enclosure supply kit also contains the putty used to seal each conduit.

Entry Seals

Entry seals have a more water-tight seal than the conduits. Each entry seal is compressed around one cable. A small vent is included to equalize pressure with the atmosphere. Theses enclosures are fitted with four large, four medium, and four small cable entry seals.

The acceptable cable diameters are:

› Large—0.236 to 0.512 inch (6 to 13 mm)
› Medium—0.231 to 0.394 inch (5.8 to 10 mm)
› Small—0.187 to 0.312 inch (4.75 to 8 mm)

Enclosure Supply Kit

The enclosure supply kit is included with our enclosures, but can be purchased separately. The assembled equipment aids in mounting your equipment inside the enclosure as well as monitoring relative humidity and sealing the enclosure. It includes desiccant packs, humidity indicator card, cable ties, putty, screws, grommets, and a Phillips-head screwdriver.

questions & quotes: 780.454.2505
www.campbellsci.ca/enc24-30

Ordering Information

Steel Enclosures

ENC24/30	Weather-Proof 24 x 30 Mild Steel Enclosure
ENC24/30S	Weather-Proof 24 x 30 Stainless-Steel Enclosure

Enclosure Hole Options

-SC	One Conduit for cable entry.
-DC	Two Conduits for cable entry.
-TC	Three Conduits for cable entry.
-QC	Four Conduits for cable entry.
-ES	12 individual-Cable Entry Seals for cable entry.

Accessories

27814	CD100 Mountable Display with Keypad Installed in Enclosure Lid. The CD100 provides the same operation and functionality as the CR1000KD keyboard display.
31551	Enclosure Leg Stack Mounting Kit
31143	Hinged Stack Bracket Kit
10525	Two-pack desiccant holder that mounts to the inside of the enclosure lid.
CS210	Enclosure Humidity Sensor.
6714	Desiccant Four-Unit Bag (Qty 20).

Antenna Cable/Bulkhead Installations

These accessories are offered for enclosures that will house a cellular phone, satellite transmitter, or radio. They allow an antenna to be connected to the outside of the enclosure.

31327	Compatible with the type N-to-type N antenna cable used with the GOES satellite transmitters.
31312	Compatible with the type N-to-RPSMA antenna cable used with the RF401-series spread spectrum radios, CR200(X)-series dataloggers, AVW200-series Interfaces, or CWB100-series wireless bases..
31315	Compatible with the type N-to-SMA antenna cable used with the RF450 radio, LS300G cellular modem, RavenXT-series cellular modems, or Iridium9522 satellite modem.
31330	Compatible with the type N-to-BNC antenna cable used with the ST-21 Argos Satellite Transmitter, RF320-series radios, RF310-series radios, or RF300-series radios.
31321	Compatible with the type N-to-TNC antenna cable used with the HUGHES9502 Inmarsat-BGAN transmitter.
31324	Compatible with the type SMA-to-SMA antenna cable used with the GPS device included with our GOES satellite transmitters, AL200 ALERT transmitter, and Iridium9522B satellite modem.

Specifications

❯ Dimensions: 61 x 76 x 20 cm (24 x 30 x 8 in)

❯ Weight: 21 kg (46 lb)

❯ Construction
- ENC24/30: painted, 14-gauge, mild steel with door gasket and stainless steel hinges
- ENC24/30S: formed, 14-gauge, 304 stainless steel with door gasket and stainless steel hinges

❯ Enclosure Classification
- ENC24/30: NEMA Type 3R, 4, and 12 (before modification for cable entry
- ENC24/30S: NEMA Type 3R, 4, 12, and 13 (before modification for cable entry)