DESCRIPTION

The 50 point enclosure (See Exhibit 1) is made of 18 gauge steel with a baked on enamel finish (red or black). It is designed so that it can be surface or flush mounted. Numerous conduit knockouts are provided on all four sides of the enclosure to facilitate easy wiring access into the enclosure. The knockouts allow connection of either ½” or ¾” conduit. The removable exterior door is hinged on the left side of the back-box and is equipped with a key-lock to prevent unauthorized access to system components.

Threaded press-studs are supplied in enclosure back-box for easy installation of the following system components (sold separately):

A. Cheetah Xi™ 50 or CyberCat™ 50 Controller (qty. 1)
B. AC Power Transformer (qty. 1)
C. Bosch FPT-DACT-LC, P/N 10-2528
D. Class A Peripheral Bus Card, P/N 10-2792* 
E. Multi-Interface Module (MIM), P/N 10-2583*
F. Ethernet Module, P/N 10-2627*
G. Two 18 AH batteries (maximum)

* MIM, Ethernet module and Class A Peripheral Bus card share a common mounting location. Only one component can be installed at a time.

See Exhibit 2 for component layout within the enclosure.

The enclosure can be equipped with an optional dead-front panel that is designed to isolate the operator from the internal electronics and wiring; yet allows access to system display and control buttons. The dead-front panel can be ordered as part of the base system or separately for retrofit applications.

ENCLOSURE OPTIONS

Standard Enclosure w/o Dead-front Panel
Part Numbers: 10-2621-c (CyberCat™ 50)
10-2623-c (Cheetah™ Xi 50)
Weight: 16 lbs. (7.3 kg) empty (door and back box)

Standard Enclosure w/ Dead-front Panel
Part Numbers: 10-2621-c-d (CyberCat™ 50)
10-2623-c-d (Cheetah™ Xi 50)
Weight: 21 lbs. (9.5 kg) (door, dead-front, and back box)

Dead-front Panel
Part Number: 10-2628-c (CyberCat™ or Cheetah™ Xi)
Weight: 5 lbs. (2.3 kg)

SUPPLIED MOUNTING HARDWARE

The following mounting hardware is supplied with the enclosure for future installation of the electronic components. Store hardware inside the enclosure after enclosure installation.

02-12032 Standoff Kit
02-4133 M/F Standoff, 2.5” (qty. 4)
02-11834 F/F Standoff, 2.5” (qty. 1)
02-11833 F/F Standoff, .625” (qty. 4)
02-2196 6-32 x .25 Pan Head Machine Screw (qty. 4)

02-12014 Hardware Kit
4153-142 Lock Washer, #6 (qty. 2)
02-1361 6-32 Hex Nut (qty. 2)
02-4992 Ground Wire (qty. 1)
02-4035 Nut and star washer kit (contains 20 nuts and washers)
ENCLOSURE INSTALLATION

1. The enclosure’s outer door can be removed to make installation of the back box easier. To remove the outer door, unscrew the hinge screws located at the top and bottom of the enclosure.

2. Determine the quantity and size of conduit to be attached to the enclosure and remove appropriate knockouts. Knockouts provide for attachment of ½” or ¾” conduit. Do not use conduit knockouts located in the bottom of the enclosure if installing batteries.

   **Note:** Fire Alarm System wiring is classified as either power-limited or nonpower-limited per NEC Article 760. All power-limited wiring must be separated from all nonpower-limited wiring by a minimum distance of ¼” (6 mm). Refer to documentation provided with each electrical component for designation of power-limited versus nonpower-limited circuits.

3. Mount the enclosure at the selected location. See Exhibit 3 for enclosure dimensions.

   **Surface Mounting**
   Utilize the four tear-drop openings in the back of the back box to secure it to the mounting surface with suitable anchors.

   **Flush Mounting**
   Cut and frame an opening in the wall to fit the back-box dimensions. Secure the box in place utilizing the through holes provided on the sides of the back box.

   **CAUTION**
   The enclosure is NOT fire rated. Do not mount on or in a fire rated wall unless wall is properly framed to maintain specific fire rating.

4. Reinstall the outer door using existing mounting hardware.

5. Connect the outer door grounding wire, as shown in Exhibit 4, using the hardware provided. Adjust routing of grounding wire as necessary to allow full movement of outer door. Check for continuity between door and back box.

6. If the enclosure was ordered with the optional dead-front panel, refer to the documentation supplied with the panel for installation instructions.
Exhibit 3: Enclosure Dimensions
Exhibit 4: Outer Door Ground Wire Installation