

## ENCLOSURE KITS FOR MOXA® ICF-1150I RS-485 TO FIBER CONVERTERS

### Important Notices

Please read the instructions carefully! Fike products are used for the protection of life and critical assets if installed and tested as described in this document.

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### Specifications

Construction	16 or 14 gauge carbon steel with continuously welded seams
Finish	Standard RAL 7035 texture polyester power coat finish on exterior and interior
Dimensions (H x W x D)	10-2936: 6 x 6 x 6 in [152 x 152 x 152 mm]
	10-2937: 10 x 8 x 6 in [254 x 203 x 152 mm]
	10-2938: 14 x 8 x 6 in [356 x 203 x 152 mm]
Shipping weight	10-2936: 5 lbs. [2.3 kg]
	10-2937: 9 lbs. [4.1 kg]
	10-2938: 12 lbs. [5.4 kg]
Sub panel size (H x W x D)	10-2940: 4.88 x 4.88 in [124 x 124 mm]
	10-2941: 8.88 x 6.88 in [226 x 175 mm]
	10-2942: 12.88 x 6.88 in [327 x 175 mm]
MOXA converter qty.	10-2936: 2 converters <sup>1</sup>
	10-2937: 4 converters <sup>1</sup>
	10-2938: 6 converters <sup>1</sup>

<sup>1</sup> Purchased Separately

### Select Enclosure Mounting Location

The following guidelines must be adhered to when selecting the mounting location for the enclosure:

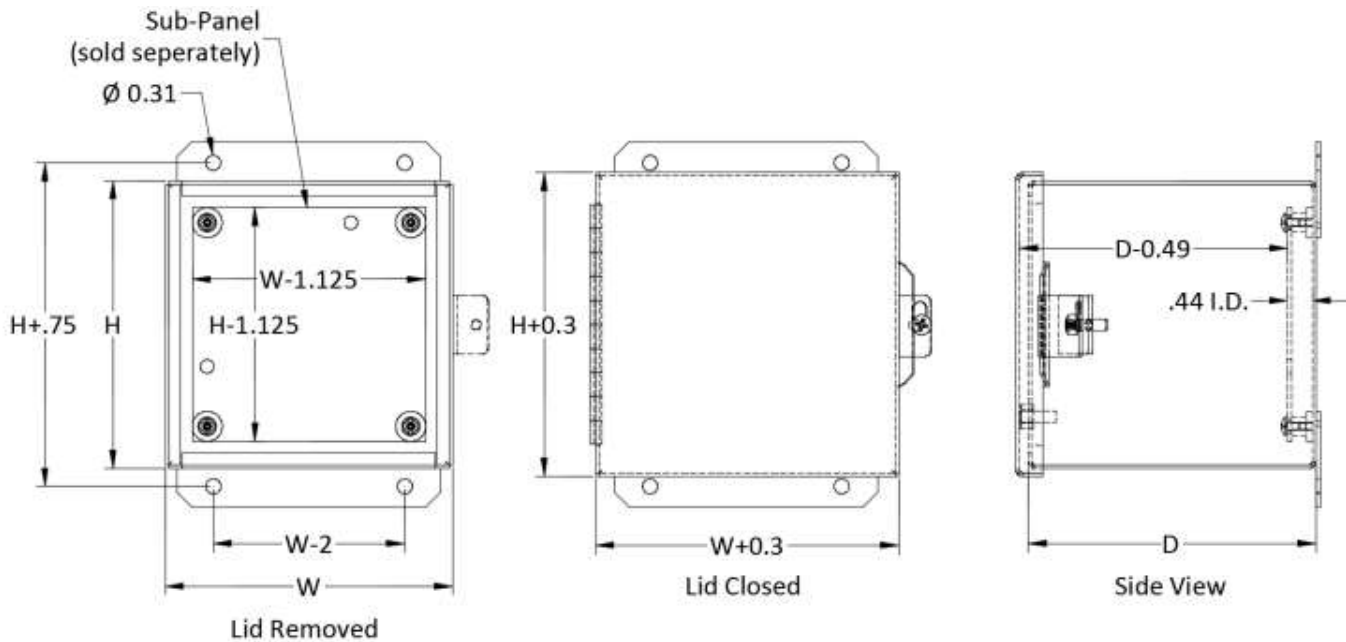
1. The enclosure must be mounted within 20 ft. (6.1 m) of the Fike panel or device the converter is to be connected to.
2. Allow sufficient clearance around the enclosure to allow door to swing open.
3. Mount the enclosure at a height that allows easy access to the MOXA components for maintenance and service.
4. Mount the enclosure on a surface that is vibration free, clean, and dry using the mounting flanges provided on the enclosure.
5. Mount the enclosure in an area that is free from sources of electromagnetic interference and radio frequency interference as they could adversely affect the operation and useful life of the MOXA components.
6. Mount the enclosure in an environment with a nominal room temperature of 0-49°C (32-120°F) with a maximum relative humidity of 93% NC.

## Installation

1. Remove the enclosure from the shipping box and check for damage.
2. Open the enclosure and remove the sub-panel and screw kit (P/N 02-11082).
3. Determine the location for conduit connections to the enclosure.

**NOTE:** Fike recommends that all penetrations be made towards the front of the enclosure (door side) to avoid interference with the MOXA devices (once installed). No penetrations shall be made in the door or back of the enclosure.

4. Mark and drill the holes for conduit connection(s). Remove all burrs and sharp edges.
5. Using suitable anchors, secure the enclosure to the mounting surface using the four mounting holes provided on the enclosure.
6. Connect conduit to enclosure.
7. Thoroughly clean the inside of the enclosure before proceeding with the installation of the MOXA device(s).
8. Install MOXA converter(s) into the enclosure. Refer to Fike document 06-803 for MOXA device installation instructions.
9. Secure the enclosure door in the closed position with the mounting clamp and screw.



### Enclosure Dimensions

(When H or W is equal to or less than 8" (203 mm) there will be one set of door clamps.)