

## MDM300 Marine Fire-Rated Transit

Cable transit device consisting of heavy gauge steel shell with self-adjusting intumescent liners to allow cables to pass through fire-rated bulkheads and decks while providing a maintenance-free alternative to traditional cable transits in non-watertight divisions.

### Product Features

- Tested to IMO FTP Code 2010, Annex 1, Part 3 (Class A-0 through A-60, H-0 through H-120 Bulkheads and Decks)
- Most cost effective solution for new cable installations
- Flexible, self-sealing intumescent pads accommodate vibration and allow for easy addition and removal of cable
- Rapid intumescent expansion under fire conditions quickly seals off the path for fire, gases, and smoke
- Allows 0 to 100% visual fill of cables
- Empty devices can be installed for future use
- Maximizes volume of cable that can be installed into a given space while reducing the overall footprint
- Protection of cable jacketing and insulation materials
- Resistant to aging and weathering

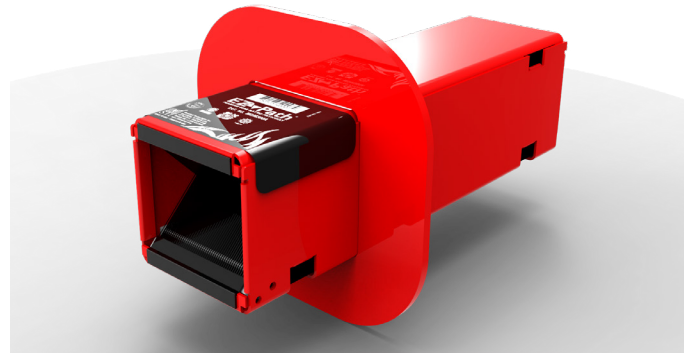
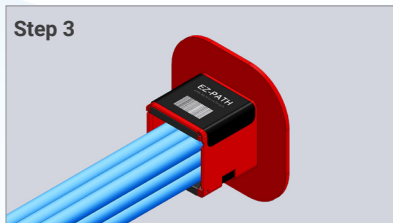
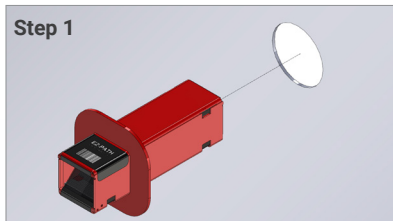
### Installation Instructions

General Notes: Read Safety Data Sheets (SDS) and product label for safe handling. For further information regarding installation requirements, please refer to Installation Sheet No. ZIS5199 and the corresponding Type Approvals.

Step 1: Cut an opening in the bulkhead or deck.

Step 2: Insert device(s) through opening and secure the plate by means of symmetrically spaced stitch welds, stainless steel screws or stainless steel nuts and bolts.

Step 3: Install cables through transit.



### PHYSICAL PROPERTIES

Shell Composition	1.5 mm Thick (0.059 in.) Galvanized Steel
Flange Composition	Mild Steel
Powder Coating	Marine-Grade
Physical Dimensions	76 mm x 76 mm x 267 mm (3" x 3" x 10.5")
Cable Loading Area	32 cm <sup>2</sup> (5 sq. in.) Max. Ø44 mm (Ø1.75 in.) cable
Expansion Begins	160°C (320°F)
Expansion Volume	800%
In Service Temperature	-23°C (-10°F) to 49°C (120°F)
Storage Temperature	<49°C (120°F)
Shelf Life	No Limit

### Maintenance

Maintenance free. Observed damage can be repaired per the original approved design.

### Third Party Approvals



### ORDERING INFORMATION

Catalog Number	UPC Number	Description	(UOM) Qty.	Case Qty.	Weight (Each)
MDM300A	730573400074	Marine 300 Single Solid Plate Kit with Device	1	1	1.90 kg (4.19 lbs)
MDMBOOT	730573400913	Marine Fire-Rated Cable Transit Single Split Boot – For DNV Requirements	1	1	0.45 kg (1.00 lbs)