EZ▼Path®
MARINE CABLE TRANSITS

MDM150 Fire-Rated Cable 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 on ships 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, 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
- Modular units can be installed together with available gang plates
- 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
- Single Plate Kit (Catalog Number MDM150C) for use in A-0 through A-60 Aluminum Divisions
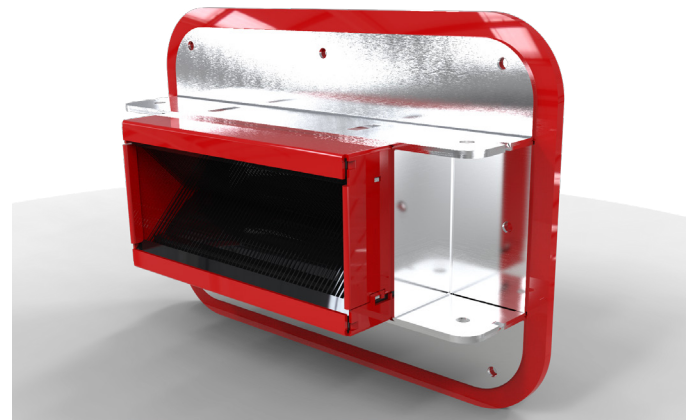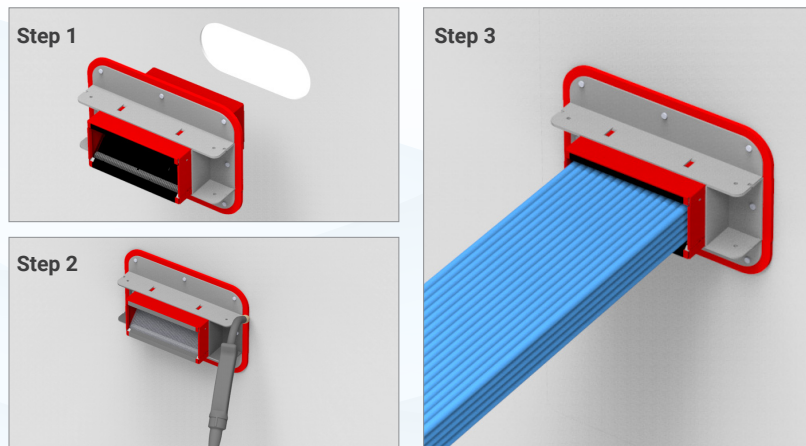- Military-grade fabric sealing boot provides supplemental sealing to meet DNV requirements

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 Nos. ZIS1079, ZIS1291, ZIS1211, ZIS1212 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.

Step 1

Step 2

Step 3

PHYSICAL PROPERTIES - DEVICE

Shell Composition	1.5 mm Thick (0.059 in.) Galvanized Steel
Flange Composition	Mild Steel
Powder Coating	Marine-Grade
Physical Dimensions	75 mm x 150 mm x 150 mm (3" x 6" x 6")
Cable Loading Area	77 cm² (12.0 sq. in.) Max. 44 mm (1.75 in.) diam.
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

PHYSICAL PROPERTIES - SEALING BOOT

Composition	High Temperature, Flame Retardant Silicone Rubber Coated Fabric

Maintenance

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

Third Party Approvals

MARINE FIRESTOP

EZ▼Path®
MARINE CABLE TRANSITS
MDM150 Fire-Rated Cable Transit

ORDERING INFORMATION

Catalog Number	UPC Number	Description	(UOM) Qty.	Case Qty.	Weight (Each)
MDM150A	730573400050	Marine 150 Single Solid Plate Kit with Device	1	1	3.29 kg (7.26 lbs)
MDM150B	730573400067	Marine 150 Four Gang Solid Plate Kit with 4 Devices	1	1	8.41 kg (18.55 lbs)
MDM150C	730573400104	Marine 150 Single Solid Plate Kit with Device for Aluminum Divisions	1	1	2.00 kg (4.5 lbs)
MDM150Y	730573400081	Marine 150 Single Solid Plate Kit with Device – For DNV Requirements	1	1	3.49 kg (7.70 lbs)
MDM150Z	730573400098	Marine 150 Four Gang Solid Plate Kit with 4 Devices – For DNV Requirements	1	1	9.12 kg (20.10 lbs)
MDMBOOT	730573400913	Marine Fire-Rated Cable Trasit Single Split Boot – For DNV Requirements	1	1	0.45 kg (1.00 lbs)