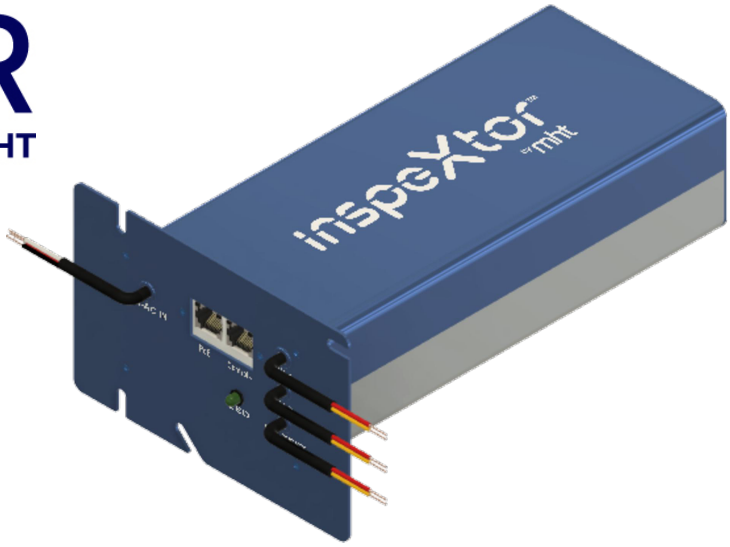
Project	Notes	Type

INSPEXTOR By MHT



MHTi-NODE-ELS

NODE Emergency Light Switch

The Inspextor Platform is a PoE Lighting Management System providing Building Automation and Data Collection. PoE Systems are a Safe and Efficient Low Voltage Platform.

FEATURES:

- Features a Dimming Range of 1% to 100%
- Fixture Agnostic up to 72 Watts
- Engineered to respond to the MHTi - Peripheral Communication Network
- Automatic Network Discovery
- Mounts to standard 4x4 and 4x2 Electrical Junction Box
- UL 924, CSA C22.2 No. 141, FCC Class A
- NFPA (NEC, Life Safety) IBC
- Test Switch (NC) IBC
- Class 2 AC/DC driver

GENERAL INFORMATION

Applications	Low Voltage Emergency Lighting with AC Redundancy
Warranty	5-Year Warranty
Finish	Blue Powder Coating
Construction	ELS Aluminum
Certifications	

PRODUCT DATA

Power Consumption	1.6 Watts (idle)
Operating Temperature	0° C - 50° C
Input Voltage	PoE: 42 - 57 VDC; IEEE 802.3xx Power Compliant. EM: 120 - 277VAC
Supply Voltage	24 - 56 VDC
Max Output Current	2 Amps
Dimming Transition Time	1 - 25 Seconds
Dimensions	4" x 6.13" x 9.125"
Max Wire Length	
- Node to Luminaire	35 Feet
- Switch to Node	330 Feet
Response Time	0.1 Seconds
Connection Type	PoE: RJ45 / EM: Hard Wire
Test Button	Push to simulate Emergency (EM) Operation. Push Button not included in the product and is an optional add-on
Protocol	CoAP

ORDERING INFO:

Series	Power Type	Com. Type	EM	Color
MHTi-NODE-90		0-10V	ELS	B
MHTi-NODE-90	CC CV CC/CV	0-10V	ELS	B - Blue

SAFETY INSTRUCTIONS

The installation and use of this product must comply with all national, federal, state, municipal, or local codes that apply. Please read the manual thoroughly before installing or operating MHTi-NODE.

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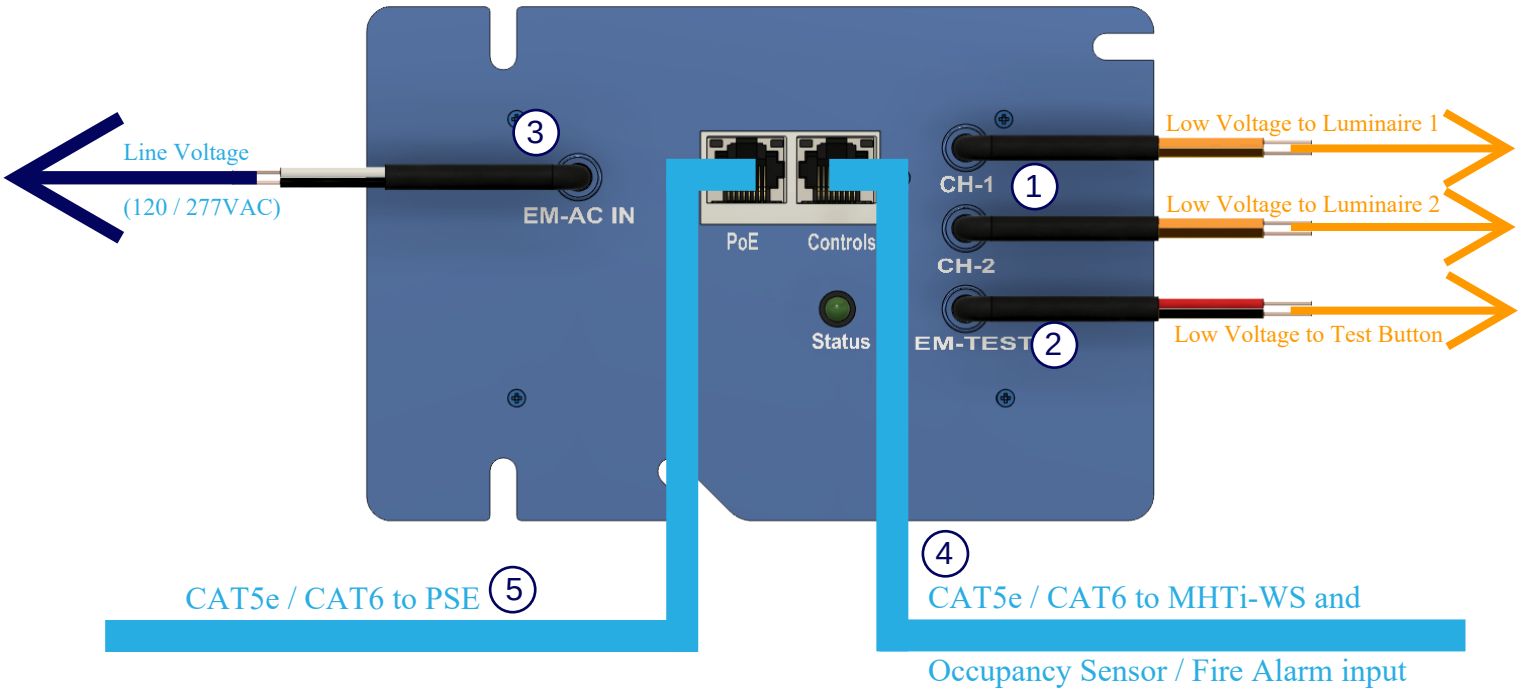
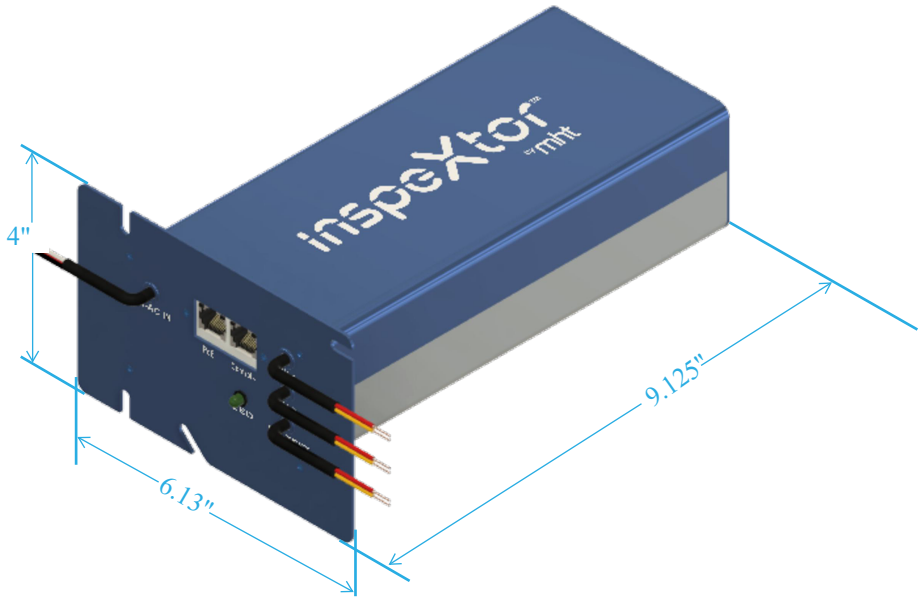
Tel: 718 524 4370 www.mhtlighting.com

Project	Notes	Type

Typical Wiring



1	Connection to LED Load
2	Connection to EM Test Button to simulating Emergency Operation
3	120 - 277 VAC Power from Life Safety panel
4	CAT5e / CAT6 Input from Control Source (MHTi-WS and Occupancy Sensor / Fire Alarm Input)
5	CAT5e / CAT6 Input from PoE Switch (PSE) to Node



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