



Type(s)

Project

Date

Notes

GENERAL INFORMATION

The Paradigm Network Station Power Supply provides station bus power and data for up to 63 stations with only a network connection to your Paradigm Processor. Adding stations to your system that are outside the distance limit of the LinkConnect bus is simple by adding a P-NSPS-D anywhere you have a network port. Each Paradigm Architectural Control Processor can support up to five Network Station Power Supplies and up to 128 total stations and sensors.

APPLICATIONS

- Houses of worship
- Schools
- Restaurants
- Hotels
- Museums
- Casinos
- Ballrooms

FEATURES

- DIN rail mounting
- LinkConnect: The two wire topology-free system gives you the freedom to put stations where you need them
 - Up to 63 stations
 - Up to 500 m (1,640 ft) of station wiring per P-NSPS-D
 - Up to five P-NSPS-D per Paradigm Processor
- Network connection to Paradigm Processor allows you to add stations anywhere you have a network port
- LCD display with system status
- LinkConnect bus management including station connect and disconnect from onboard display

REGULATORY AND COMPLIANCE

- cULus Listed
- CE Compliant

ORDERING INFORMATION

Paradigm Station Power

MODEL	DESCRIPTION
P-NSPS-D Mk2	Network Station Power Supply Mk2 - DIN
P-NSPS-D-KIT	Network Station Power Supply w/ DIN8 enclosure

DIN Rail Accessories

MODEL	DESCRIPTION
DIN8	Mini DIN Enclosure
DIN14	Small DIN Enclosure
DIN28	Large DIN Enclosure
DIN-RM	DIN rail Rack-mount Kit

Paradigm System Components

MODEL	DESCRIPTION
P-ACP-E Mk2	Paradigm Processor Mk2 - Enclosure
P-ACP-D Mk2	Paradigm Processor Mk2 - DIN
P-ACP	Paradigm Processor Mk1
P-SPM-E Mk2	Paradigm Station Power Module Mk2
ERn	Paradigm Control Enclosure
DRd	Unison Dimming Enclosure

SPECIFICATIONS

FUNCTIONAL

- LinkConnect: Provides Echelon® LonTalk® with LinkPower for up to 63 stations
- Provides 500 m (1,640 ft) of station bus power
- Communicates with the Paradigm Processor over the lighting network

MECHANICAL

- P-NSPS-D is eight DIN units wide
- 48 VDC power supply is four DIN units wide
- Complies with DIN43880 (35/7.5 rail)
- 1.5 mm (.060") aluminum construction
- Fine-textured, scratch-resistant, powder coat paint
- Convection cooled
- Front-panel display and LED status indicators

ELECTRICAL

- 48 VDC input from included power supply
- RJ45 socket with data LED supporting 10/100Base-TX Ethernet supporting static IPv4 addressing
- Echelon LinkPower communications with remote devices, including button stations, button/fader stations, touchscreen stations, and sensors

THERMAL

- Ambient room temperature: 0°C to 50°C (32°F to 122°F)
- Ambient humidity: 0%–95% non-condensing

PHYSICAL

Dimensions*

MODEL	HEIGHT		WIDTH		DEPTH	
	in	mm	in	mm	in	mm
P-NSPS-D†	3.55	90	8.35	213	2.35	60
P-NSPS-D-KIT	8	203	14	356	5.0	129

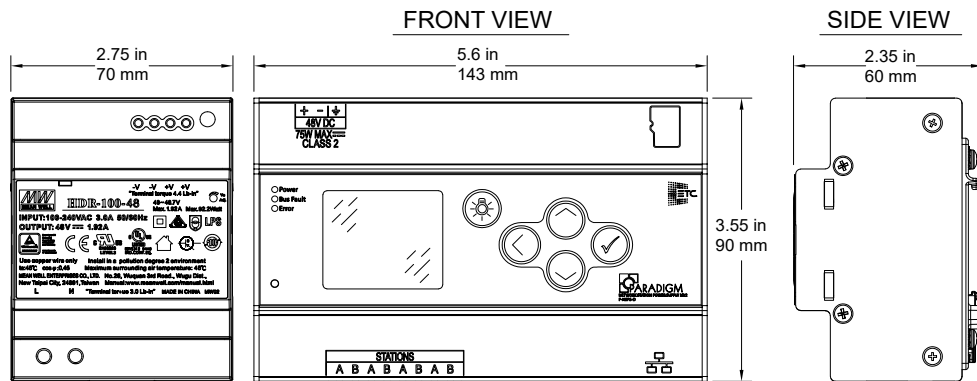
Weights*

MODEL	WEIGHT		SHIPPING WEIGHT	
	lb	kg	lb	kg
P-NSPS-D†	1.96	0.89	2.92	1.32
P-NSPS-D-KIT	11.5	5.2	12.9	5.9

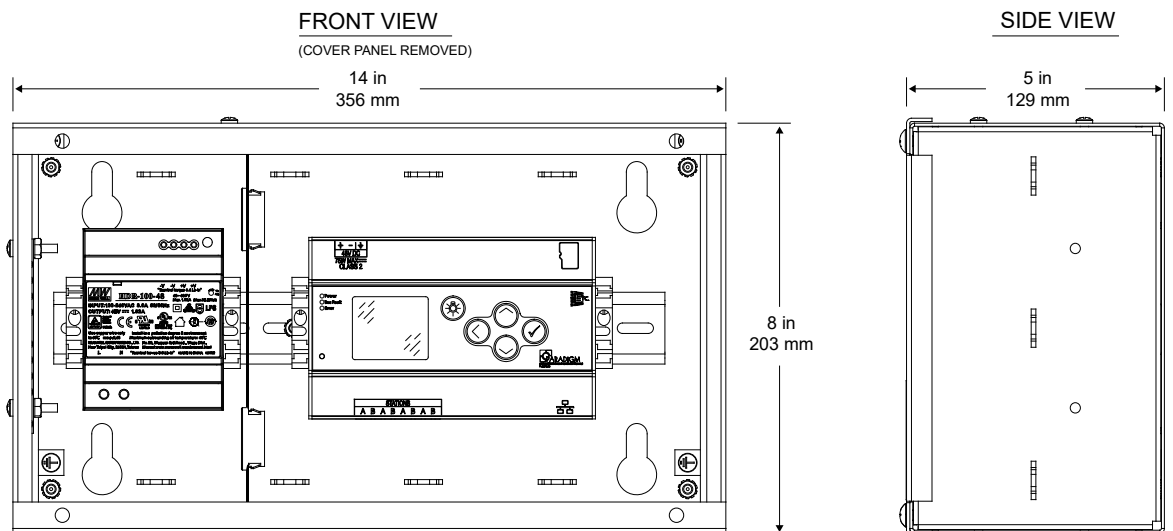
* Weights and dimensions typical.

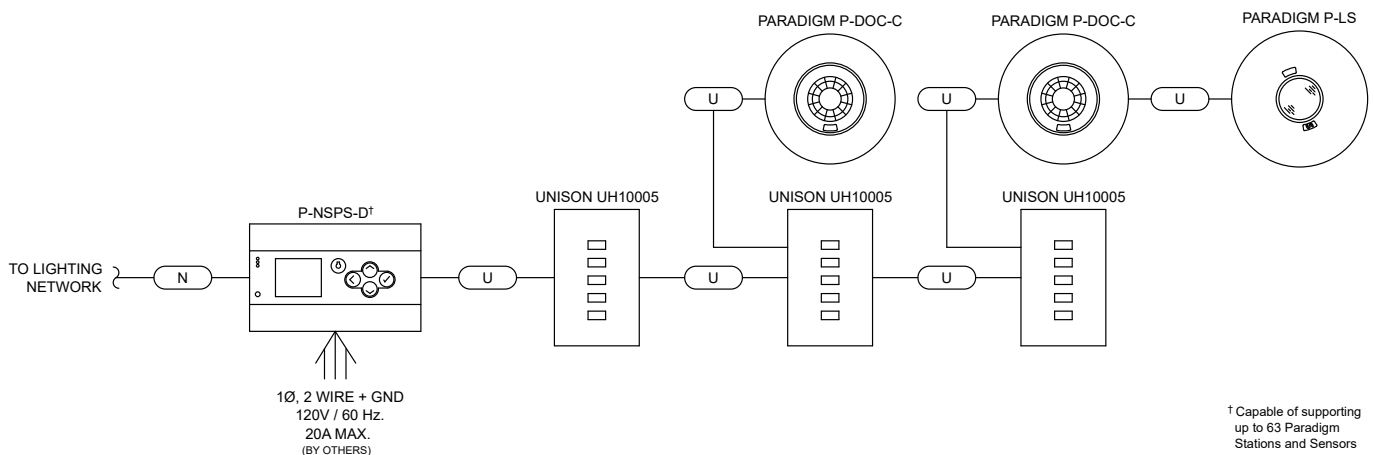
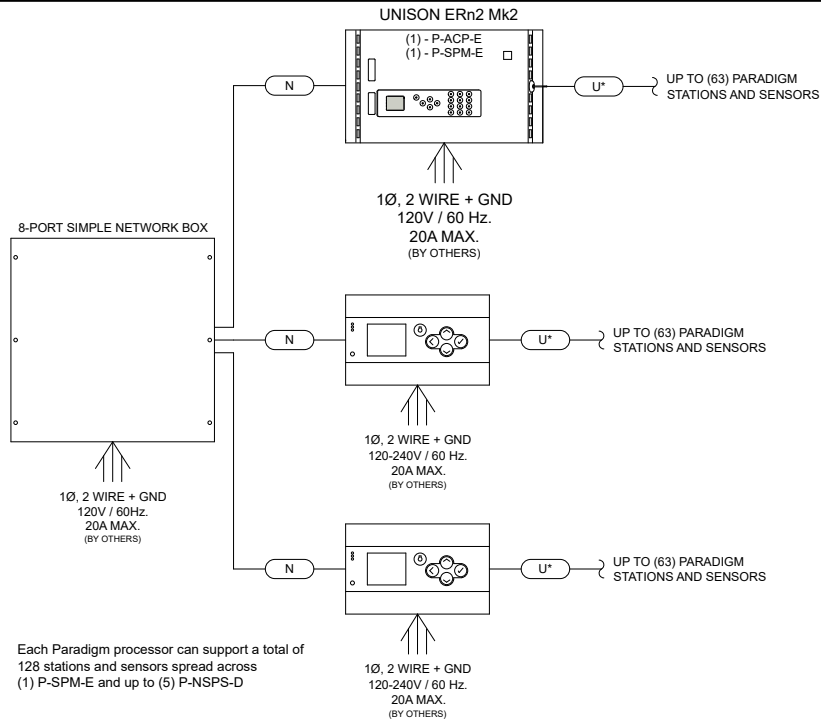
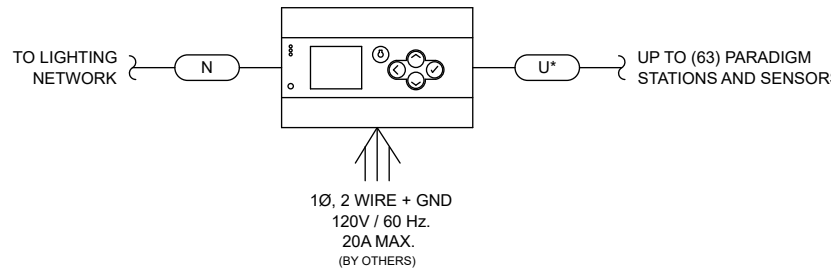
† Includes a 48 VDC Power Supply.

P-NSPS-D



P-NSPS-D-KIT





† Capable of supporting up to 63 Paradigm Stations and Sensors



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