ETC   Unison Paradigm Station Power Supply

Type(s)

Project

Date

Notes

GENERAL INFORMATION

The Paradigm Station Power Supply (P-SPS-D) allows a DIN rail Paradigm processor to connect to up to 63 stations and sensors locally. The addition of a Station Power Supply offers support for button 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-SPS-D
- Local connection allows the P-SPS-D to connect to the Paradigm Processor without a network connection

REGULATORY AND COMPLIANCE
- cULus Listed
- CE Compliant

ORDERING INFORMATION

Paradigm Station Power

MODEL	DESCRIPTION
P-SPS-D Mk2	Paradigm Station Power Supply Mk2 - DIN

DIN rail Installation Enclosures

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

NOTE: Additional configurations are available. See the DIN rail Installation Enclosures datasheet for more information.

Compatible Paradigm System Components

MODEL	DESCRIPTION
P-ACP-D Mk2	Paradigm Architectural Control Processor - DIN
P-NSPS-D Mk2	Paradigm Network Station Power Supply Mk2 - DIN

Paradigm DIN System Kits

MODEL	DESCRIPTION
DIN8-P-ACP	DIN8 Enclosure w/ P-ACP-D
DIN14-P-ACP/SPS	DIN14 Enclosure w/ P-ACP-D and P-SPS-D
DIN14-P-ACP/SPS/NET	DIN14 Enclosure w/ P-ACP-D, P-SPS-D, and a Mosaic Network Switch

NOTE: The DIN enclosures listed above ship pre-assembled with the listed products. See the Paradigm Architectural Control Processor Mk2 datasheet for more details.

ETC

Unison Paradigm Station Power Supply

Unison Control Series

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 Paradigm ACP-D over local LinkConnect communication

MECHANICAL
- P-SPS-D is five units wide DIN rail mounting enclosure
- Included 48 V power supply is four unit wide DIN rail mounting enclosure
- Complies with DIN43880 (35/7.5 rail)
- 1.5 mm (.060") aluminum construction
- Fine-textured, scratch-resistant, powder coat paint
- Convection cooled
- LED status indicators on front panel

ELECTRICAL
- 48 VDC input from included power supply
- 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)
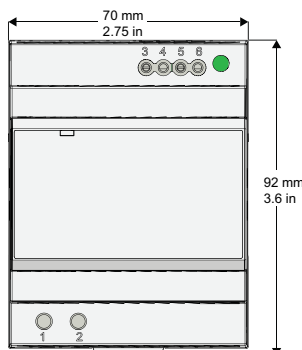- Ambient humidity: 0%–95% non-condensing

PHYSICAL

Dimensions*

MODEL	HEIGHT		WIDTH		DEPTH	
	mm	in	mm	in	mm	in
P-SPS-D†	90	3.54	159	6.25	59	2.32

Weights*

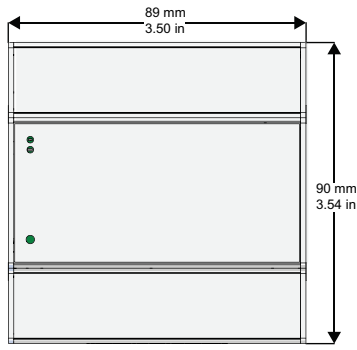| MODEL	WEIGHT		SHIPPING WEIGHT	
	kg	lb	kg	lb
P-SPS-D†	0.72	1.59	1.16	2.55

*Weights and dimensions typical.

† Includes a 48 VDC Power Supply.

48 VDC Power Supply
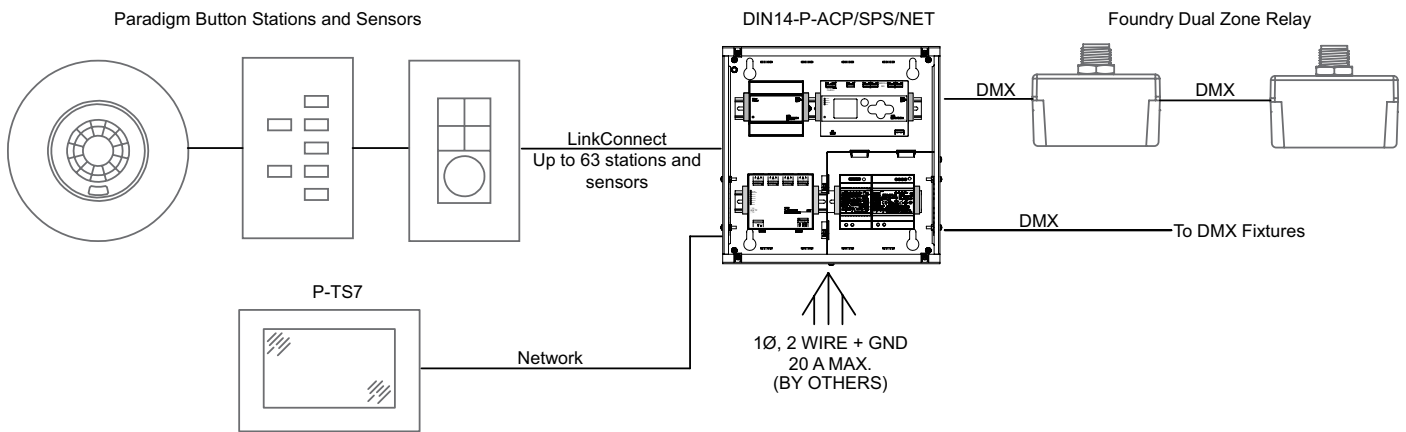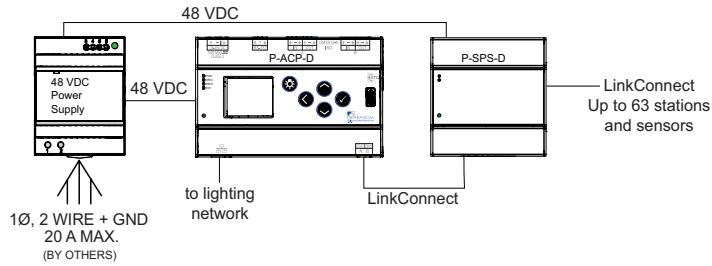Front
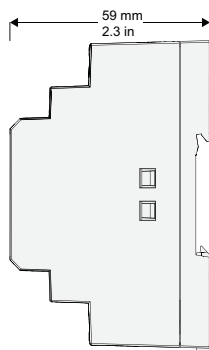
48 VDC Power Supply
Side

P-SPS-D Front

P-SPS-D Side

48 VDC

48 VDC

P-ACP-D

P-SPS-D

48 VDC Power Supply

LinkConnect
Up to 63 stations
and sensors

to lighting
network

LinkConnect

1Ø, 2 WIRE + GND
20 A MAX.
(BY OTHERS)

Paradigm Button Stations and Sensors

DIN14-P-ACP/SPS/NET

Foundry Dual Zone Relay

LinkConnect
Up to 63 stations and
sensors

DMX

DMX

DMX

To DMX Fixtures

P-TS7

Network

1Ø, 2 WIRE + GND
20 A MAX.
(BY OTHERS)