

DIN Rail Retrofit Subplate for Remote Power Panels

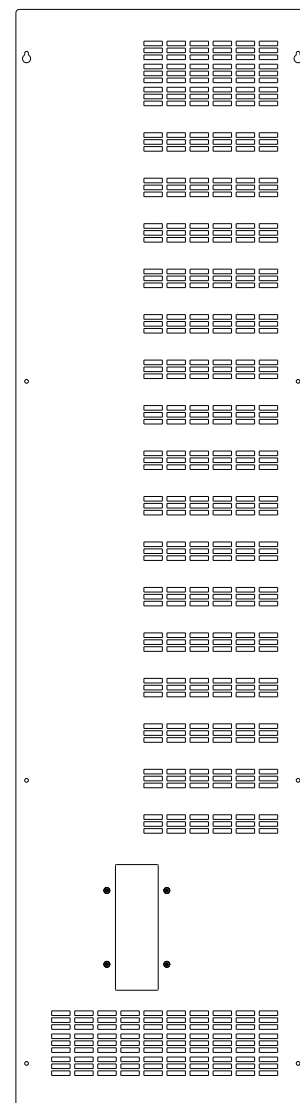
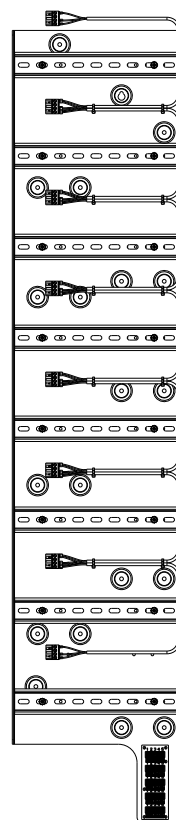
The DIN rail retrofit subplate is designed to accept Lutron DIN power modules (DPMs) and mount into an existing remote power panel. The compatible DPMs can be used to control multiple load types to fit the size, lighting plan, and design of a project.

Features

- The retrofit subplate comes with a DIN mounting plate for up to 8 DPMs, a panel cover, a QS wire landing board (QS-WLB) and a QS link wiring harness for easy installation.
- Subplates come ready to install DPMs (sold separately).
- Subplate can house these DPMs:
 - LQSE-2ECO-D
 - LQSE-4M-120-D
 - LQSE-4S8-120-D
 - LQSE-4A5-120-D
 - LQSE-4T5-120-D
 - LQSE-4T20-120-D

Note: DPM line voltage wire harnesses (ex. PDW-x-DV) are not compatible with the DIN rail retrofit subplate.

- Can be used with the following remote power panels:*
 - HWI-PNL-8
 - HWBP-8D-15-120L3
 - HWBP-8D-20-120L3
 - HWBP-8D-15-120L4
 - HWBP-8D-20-120L4
 - HWAP-8D-15-120L3
 - HWAP-8D-20-120L3
 - HWAP-8D-15-120L4
 - HWAP-8D-20-120L4
- Extensively tested to ensure optimal thermal performance with maximum load in 32 °F to 104 °F (0 °C to 40 °C) ambient environment.
- Allows for the existing terminal blocks and field wiring to remain intact to reduce installation time.
- Rated for 120 V~ applications.



PD8-PNL-8-SUB

* Older models of remote power panels (roughly 2004 and prior) are not compatible with this subplate. If a subplate was purchased for an older panel and does not fit correctly, please contact Lutron's support team for potential workarounds.

DIN Rail Retrofit Subplate for Remote Power Panels

Specifications

Model Number	PD8-PNL-8-SUB
Power	120 V~ 50/60 Hz
Capacity*	Eight DPMs and one Wire Landing Board (WLB)
Regulatory Approvals	cULus, NOM
Environment	Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity, non-condensing. Indoor use only.
Cooling	Passive cooling
Line-Voltage Connections	Use copper wire only. Wires will land on DIN terminal blocks.
Ground Bar Terminals	Additional Ground terminal blocks included to provide ground connection for DPMs.
Dimensions	Subplate: 9.1875 in x 43 in x 1.125 in (233 mm x 1092 mm x 29 mm) Cover: 15.875 in x 59.5 in x 0.06 in (403 mm x 1511 mm x 1.5 mm)
Mounting	Install and wire in accordance with all local and national codes. Must be mounted in a Lutron remote power panel, see the next page for details. NOTICE: This equipment is air-cooled. Allow at least 12 in (305 mm) of air space at the top, bottom, and front of the cover or as required by local codes (whichever is greater).
Construction	Subplate: 16-gauge galvanized sheet metal (unpainted). Cover: Coated metal cover with ventilation holes. Cover is attached using phillips-head screws (not included).
Warranty	www.lutron.com/TechnicalDocumentLibrary/Warranty.pdf

* Use of non-Lutron equipment in the panel voids the warranty and agency approvals.

DIN Rail Retrofit Subplate for Remote Power Panels

Mounting

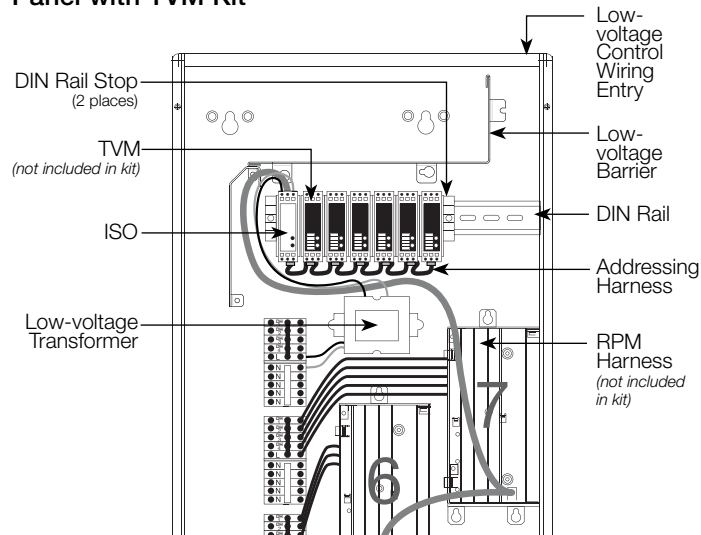
- Must be mounted in a Lutron remote power panel.
- Remove all remote power modules, module interface, upper barrier, and mount the retrofit subplate in its place.
- Once subplate is installed into remote power panel, then install DPMs and new ground terminal blocks.
- Wire the QS link harness to each DPM and wire landing board.
- Wire the mains and load wiring to each DPM. All wiring must be installed in accordance with all local and national electrical codes.

Note: Not compatible with DPM line voltage wire harnesses.

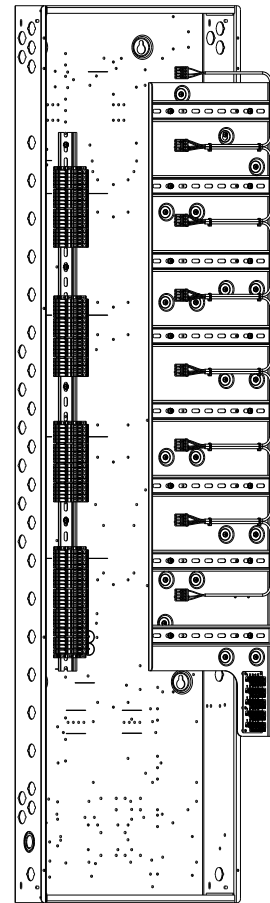
- After all wiring is complete, install the new panel cover included with the retrofit subplate. Breaker access door must be removed to use with the breaker panels. The existing remote power panel cover **CANNOT** be reused, and will void the warranty if used.

Note: If a TVM kit is mounted in the panel, it must be removed. All 0–10 V_{DC} wiring gets re-connected directly to the LQSE-4T20-120-D module. It is recommended to mount the 0–10 V_{DC} modules at the top of the panel for easy wiring. A terminal block kit “PDT-T-1”, which gets mounted in module position 8, can be purchased separately to make the connection between the existing 0–10 V_{DC} wires and the new 0–10 V_{DC} module. See image below for reference.

Panel with TVM Kit

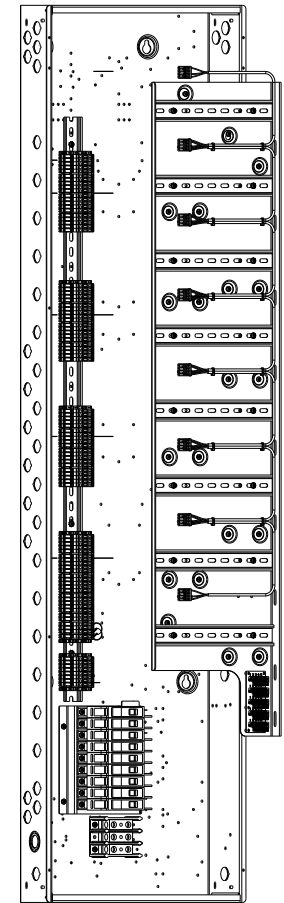


Feed-Through Panel



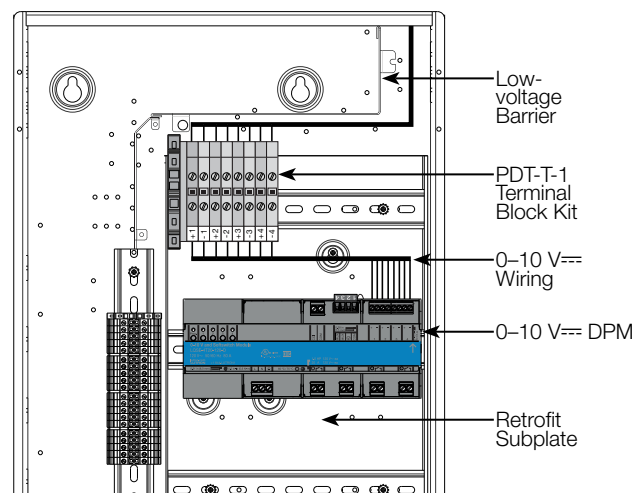
HWI-PNL-8

Breaker Panel



HWAP-8D (shown)

Panel with PDT-T-1 Kit and Retrofit Subplate

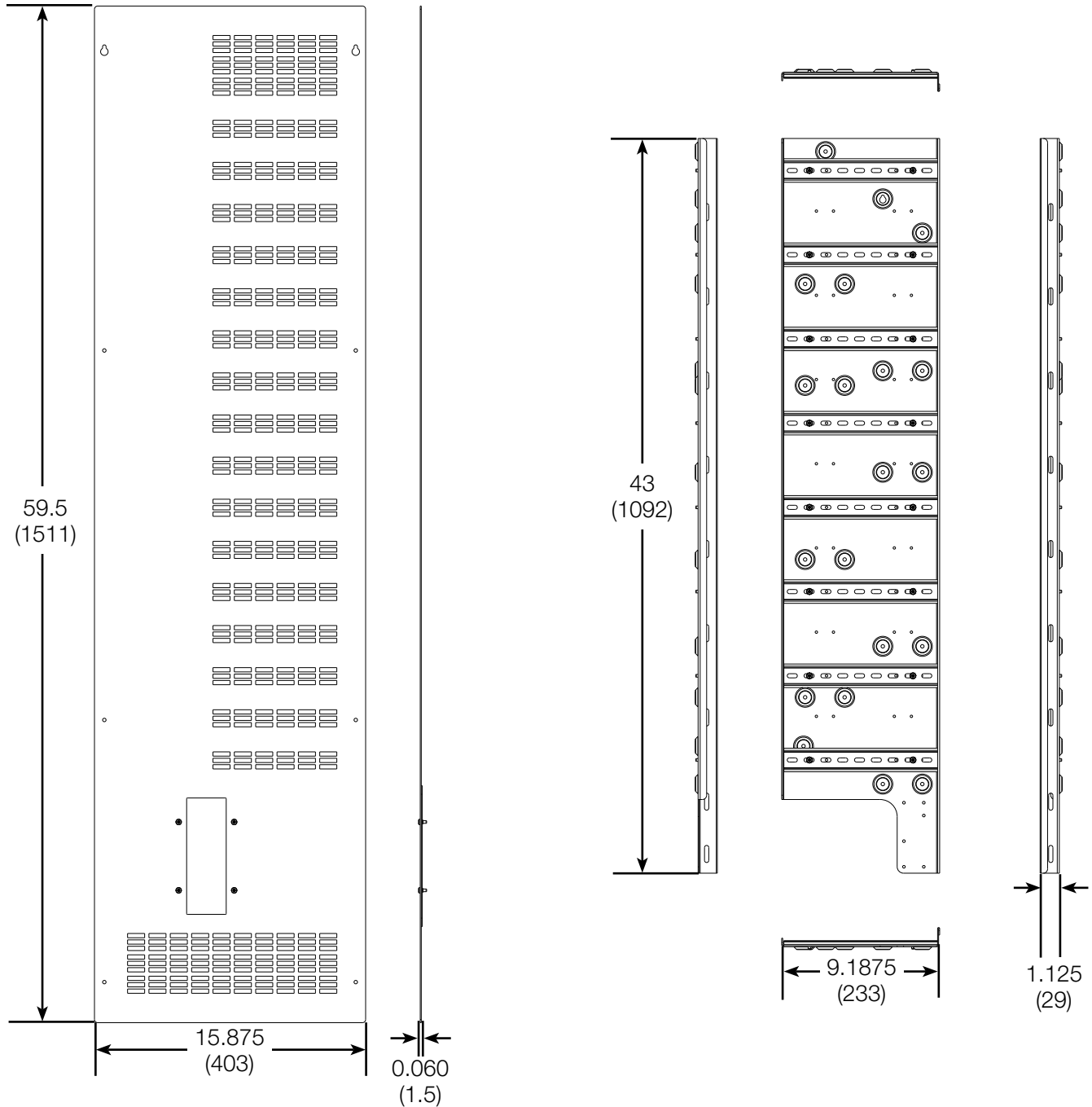


Customer Assistance:
1.844.LUTRON1 (U.S.A. / Canada)
+1.888.235.2910 (Mexico)

DIN Rail Retrofit Subplate for Remote Power Panels

Dimensions

All measurements shown as: in (mm)



Lutron and HomeWorks are trademarks or registered trademarks of Lutron Electronics Co., Inc. in the US and/or other countries.