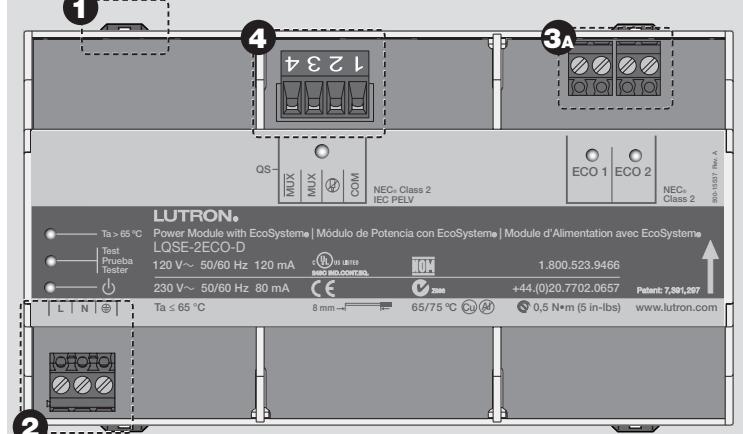


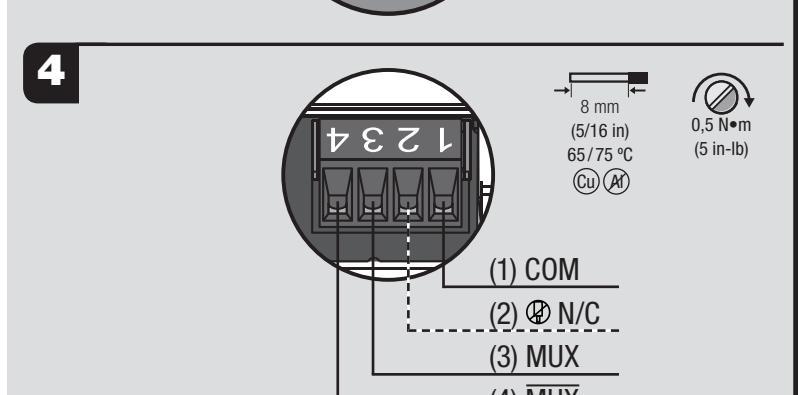
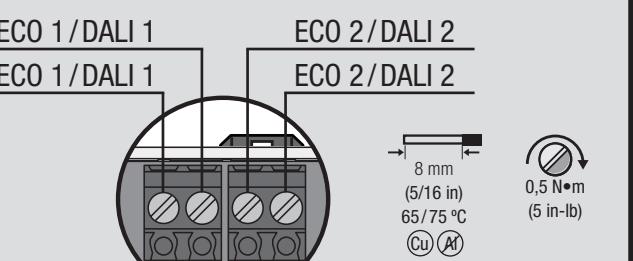
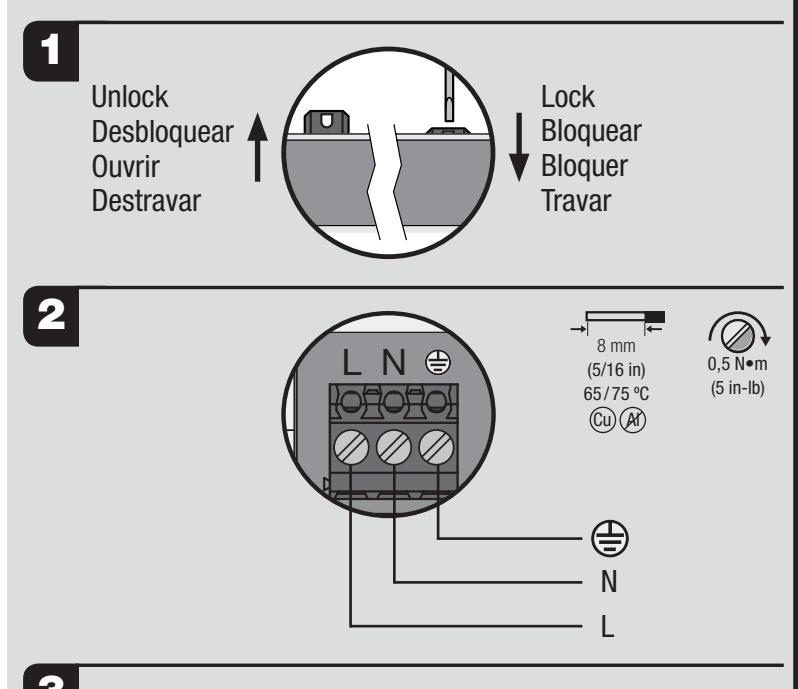
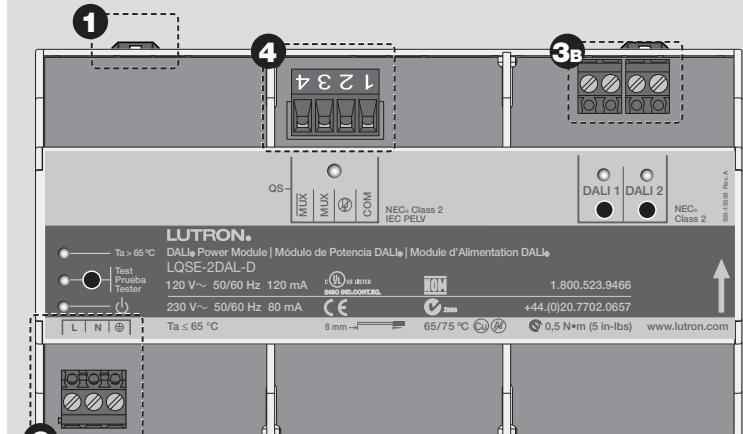
120 V~ 120 mA 50/60 Hz
230 V~ 80 mA 50/60 Hz
16 V~ 250 mA Max per link | Por enlace | Par liaison | Por link
24 BTU/h
(Ta) ≤ 65 °C Surrounding Air Temp | Temperatura alrededor
Température de l'air ambian | Temperatura do ar ambiente
75 °C Max calibration point | Máxima punto de calibrado
Maximum point d'étalonnage | Ponto de calibração máximo
65 °C Min Wire Temp (Cu only) | Temperatura mínima de cable (solo Cu)
Temperatura minimum du fil (Cu uniquement) | Temperatura mínima do fio (somente cobre)

LUTRON. 043426 Rev. A
09/2013 www.lutron.com
Lutron Electronics Co., Inc. | 7200 Suter Road, Coopersburg, PA 18036-1299, U.S.A.

LQSE-2ECO-D



LQSE-2DAL-D



Power Module with EcoSystem® DALI® Power Module

Please read before installing.

WARNING Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit. More than one disconnect may be required to de-energize equipment.

Buttons and LEDs in the unit are used for programming and troubleshooting. If wiring is exposed when accessing buttons and LEDs, the unit must be accessed by a certified electrician, following local codes.

Note: For additional information on unit operation and ratings, please refer to Lutron® P/N 369611 and 369650 on www.lutron.com

1 Mounting

- Mount in IP20 (minimum) panel with integrated DIN rail or NEMA Type 1 panel.
- Unit is 9 DIN modules (161.7 mm or 6 1/8 in) wide.
- Mount to DIN rail using 4 clips on bottom of unit. Clips can be pulled out using a screwdriver.

2 Mains power wiring

The Power Module operates at 120/230 V~. Use the following instructions to wire line voltage to the Power Module.

- Turn power off.
- Use 1.0 mm² to 4.0 mm² (18 AWG to 12 AWG) conductors (depending on breaker rating) to feed the mains wiring. The device draws less than 80 mA (230 V~) or 120 mA (120 V~).
- Strip 8 mm (5/16 in) of insulation off the mains cables.
- Wire the mains to the terminals labeled L, N, and GND. A three-position terminal block is provided. Do not wire L or N wires to the GND terminal.
- The recommended installation torque is 0.5 N·m (5 in-lb).
- The Power Module is earthed through the GND terminal. Attach the earth wire.
- Close front cover of panel.
- Turn on the circuit breaker to power up the Power Module. The POWER indicator on the Power Module will display a green light continuously when properly powered up. If the indicator does not light, turn off power, then check the mains voltage wiring and repeat this step.
- Note: If additional wiring space is required, the Power Module can be removed from the DIN rail while wiring.

3 Zone Wiring

EcoSystem® Loop wiring

EcoSystem® Loop wiring may be considered to be mains voltage. (It is not considered SELV). Consult applicable national and local codes for compliance.

Lutron recommends using two different colours for separate ECO 1 and ECO 2 loops. This will prevent wiring mistakes where several bus wires are co-located. Use the following instructions for wiring the EcoSystem® Loop.

- Turn power off.
- Wire the ECO Loop from the EcoSystem® terminals (ECO 1 and ECO 2) to all ballasts.
- Turn on the circuit breaker to power up the Power Module with EcoSystem® unit. The POWER indicator on the Power Module with EcoSystem® unit will display a green light continuously when properly powered up. If the indicator does not light, turn off power, then check the mains voltage wiring and repeat this step.
- The Power Module with EcoSystem® unit outputs EcoSystem® compliant voltage levels (16 V~ +/- 4.5 V~). Use a voltage meter to confirm this voltage.

DALI® bus wiring

DALI® bus wiring may be considered to be mains voltage. (It is not considered SELV). Consult applicable national and local codes for compliance.

Lutron recommends using two different colours for DALI 1 and DALI 2. This will prevent wiring mistakes where several bus wires are co-located. Use the following instructions for wiring the DALI® bus.

- Turn power off.
- Wire the DALI® bus from the DALI® terminals (DALI 1 and DALI 2) to all ballasts.
- Turn on the circuit breaker to power up the DALI® Power Module unit. The POWER indicator on the DALI® Power Module unit will display a green light continuously when properly powered up. If the indicator does not light, turn off power, then check the mains voltage wiring and repeat this step.
- The DALI® Power Module unit outputs DALI® compliant voltage levels (16 V~ +/- 4.5 V~). Use a voltage meter to confirm this voltage.

4 QS Link (IEC PELV / NEC® Class 2)

- Turn off power while servicing unit.
- Wire QS Link to the unit as shown, note terminals 3 and 4 are twisted, shielded pair.
- Link may be daisy chained or t-tapped, length not to exceed 610 m (2,000 ft).

Note: Do not connect to terminal 2.

5 Using LEDs to troubleshoot

LED	Normal Operation	Problem Indicator	Probable Cause
Power	Green: Continuous On	Green: 5 flashes per second	General system failure
Eco 1, Eco 2 (EcoSystem® Loop Status) or DALI 1, DALI 2 (DALI® Bus Status)	Green: 1 flash per second	Red: 5 flashes per second	Miswire or ECO loop or DALI® bus error
		Red: Continuous on	ECO loop or DALI® bus externally shorted
		Red/Green: alternating 1 flash per second	Loop or Bus slowed because of over-temperature
		Red: 1 flash per second	Loop or Bus stopped because of over-temperature
		Red: 1 flash per 7 seconds	More than one supply powering loop
QS (LQSE-2ECO-D) Off	Green: 1 flash per second	Green: 5 flashes per second	Incorrect data
QS (LQSE-2DAL-D) Off	Green: 5 flashes per second	Green: 5 flashes per second	Incorrect data
Test	Off	Red: 5 flashes per second	Test failed - see ECO or DALI® LEDs
Hi Temp (Temperature Status)	Off	Red: 5 flashes per second	Over-temperature event occurred
		Red: continuous On	Over-temperature

6 Verify lights

6a Verifying EcoSystem® lights connected to ECO loop 1 and loop 2

1. Enter Test mode: Press and hold Test Button on the Power Module with EcoSystem® unit until the Test LED starts flashing.

ECO 1 button:

- Each button press cycles the lights between:
- Loop 1 going to low-end
 - Loop 1 going to high-end
 - Loop 1 going to off

ECO 2 button:

- Each button press cycles the lights between:
- Loop 2 going to low-end
 - Loop 2 going to high-end
 - Loop 2 going to off

2. Exit Test mode: press and hold Test button until Test LED stops flashing.

6b Verifying DALI® lights connected to DALI® bus 1 and bus 2

1. Enter Test mode: Press and hold Test Button on the DALI® Power Module until the Test LED starts flashing.

DALI 1 button:

- Each button press cycles the lights between:
- Bus 1 going to high-end
 - Bus 1 going to low-end
 - Bus 1 flash
 - Bus 1 going to off

DALI 2 button:

- Each button press cycles the lights between:
- Bus 2 going to high-end
 - Bus 2 going to low-end
 - Bus 2 flash
 - Bus 2 going to off

2. Exit Test mode: press and hold Test button until Test LED stops flashing.

Warranty

For warranty information, please see the Warranty enclosed with the product, or visit http://www.lutron.com/TechnicalDocumentLibrary/HomeWorks_Warranty.pdf and http://www.lutron.com/TechnicalDocumentLibrary/HomeWorks_Intl_Warranty.pdf

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Technical Assistance +44.(0)20.7680.4481 (Europe)
1.800.523.9466 (U.S.A.)

Módulo de potencia con EcoSystem® Módulo de potencia DALI®

LQSE-2ECO-D LQSE-2DAL-D

Leer antes de la instalación.

PRECAUCIÓN Peligro de descargas eléctricas. Pueden causar lesiones graves o mortales. Corte el suministro eléctrico en el magnetotérmico antes de instalar la unidad. Puede ser necesario más de una desconexión para cortar la alimentación eléctrica al equipo.

Los botones y LEDs del frente de la unidad se utilizan para la programación y solución de averías. Si el cableado está expuesto cuando se accede a los botones y LEDs, el acceso lo realizará un electricista cualificado, siguiendo los códigos locales.

Nota: Para información adicional sobre el funcionamiento y las capacidades de la unidad, consulte Lutron® P/N 369611 y 369650 en www.lutron.com

1 Montaje

- Realice el montaje en un cuadro IP20 (mínimo) con riel DIN integrado o cuadro NEMA Tipo 1.
- La unidad tiene 9 módulos DIN con una anchura de 161,7 mm.
- Realice el montaje en el riel DIN utilizando los 4 clips de la parte inferior de la unidad. Los clips pueden soltarse con un destornillador.

2 Cableado de voltaje de red

El módulo de potencia funciona a 120/230 V~. Utilice las instrucciones siguientes para conectar correctamente el voltaje de red al módulo de potencia.

- Desconecte la alimentación.
- Utilice conductores de 1,0 mm² a 4,0 mm² (dependiendo de la capacidad del magnetotérmico) para la alimentación del cableado de red. El dispositivo consume menos de 80 mA (230 V~) o 120 mA (120 V~).
- Pele 8 mm (5/16 in) de aislamiento de todos los cables de voltaje de linea.
- Conecte los cables de red a los terminales etiquetados como L, N, y GND. Se incluye un bloque de terminales de tres posiciones. No conecte los cables L o R al terminal GND.
- El par de instalación recomendado es 0,5 N·m.
- El módulo de potencia se conecta a tierra a través del terminal GND. Conecte el cable de tierra.
- Cierre la tapa delantera del cuadro.
- Encienda el circuito breaker para alimentar corriente al módulo de potencia. Se iluminará en verde el indicador POWER del módulo de potencia cuando reciba corriente de forma correcta. Si no se ilumina el indicador, entre el suministro eléctrico, verifique el cableado del voltaje de linea y repita este paso.
- Nota: Si se necesita espacio adicional para el cableado, se puede retirar el módulo de potencia del carril DIN durante el trabajo de cableado.

3 Cableado de zona

EcoSystem® Loop wiring

El cableado del circuito cerrado EcoSystem® puede considerarse el voltaje de red. (No se considera SELV). Consulte los códigos nacionales y locales aplicables para su cumplimiento.

Lutron recomienda usar dos colores diferentes para circuitos cerrados ECO 1 y ECO 2 separados. De este modo, se evitan errores de cableado cuando se conectan varios cables de bus. Utilice las instrucciones siguientes para el cableado del circuito cerrado EcoSystem®.

- Desconecte la alimentación.
- Cable con circuito cerrado ECO desde los terminales ECO 1 y ECO 2 a todos los balastos.
- Encienda el magnetotérmico para alimentar corriente a la unidad de módulo de potencia con EcoSystem®. Se iluminará en verde el indicador POWER de la unidad de módulo de potencia con EcoSystem® cuando reciba corriente de forma correcta. Si no se ilumina el indicador, entre el suministro eléctrico, verifique el cableado del voltaje de linea y repita este paso.
- La unidad de módulo de potencia con EcoSystem® emite niveles de voltaje que cumplen con EcoSystem® (16 V~ +/- 4,5 V~). Use un voltmetro para confirmar este voltaje.

Cableado de bus DALI®

El cableado de bus DALI® puede considerarse el voltaje de red. (No se considera SELV). Consulte los códigos nacionales y locales aplicables para su cumplimiento.

Lutron recomienda la utilización de dos colores diferentes para DALI 1 y DALI 2. De este modo, se evitan errores de cableado cuando conectan varios cables de bus. Utilice las instrucciones siguientes para el cableado del bus DALI®.

- Desconecte la alimentación.
- Conecte el bus DALI® desde los terminales DALI 1 y DALI 2 a todos los balastos.
- Encienda el magnetotérmico para alimentar corriente a la unidad de módulo de potencia DALI®. Se iluminará en verde el indicador POWER del módulo de potencia DALI® cuando reciba corriente de forma correcta. Si no se ilumina el indicador, entre el suministro eléctrico, verifique el cableado del voltaje de linea y repita este paso.
- La unidad de módulo de potencia DALI® emite niveles de voltaje que cumplen con DALI® (16 V~ +/- 4,5 V~). Use un voltmetro para confirmar este voltaje.

4 Enlace QS (IEC PELV / NEC® Class 2)

- Anape la corriente durante los trabajos de servicio de la unidad.
- Conecte el enlace QS a la unidad como se muestra, observe que los terminales 3 y 4 son un par trenzado y apantallado.
- El enlace se puede conectar en cadena o en derivación en T, con una longitud no superior a 610 m. Nota: No conecte a terminal n° 2.

5 Utilización de LEDs para la solución de problemas

LED	Funcionamiento normal	Indicador de problemas	Causa posible
Power (Alimentación)	Verde: Encendido permanente	Verde: 5 destellos por segundo	Fallo general del sistema
Eco 1, Eco 2 (estado de circuito cerrado EcoSystem®) o DALI 1, DALI 2 (estado de bus DALI®)	Verde: 1 destello por segundo	Rojo: 5 destellos por segundo	Cableado incorrecto o error de circuito cerrado ECO o bus DALI®
		Rojo: Encendido permanente	Circuito cerrado ECO o bus DALI® con cortocircuito externo

120 V~ 120 mA 50/60 Hz
230 V~ 80 mA 50/60 Hz
16 V~ 250 mA Max per link | Pro Link | Per connettore | 每条链路

24 BTU/h

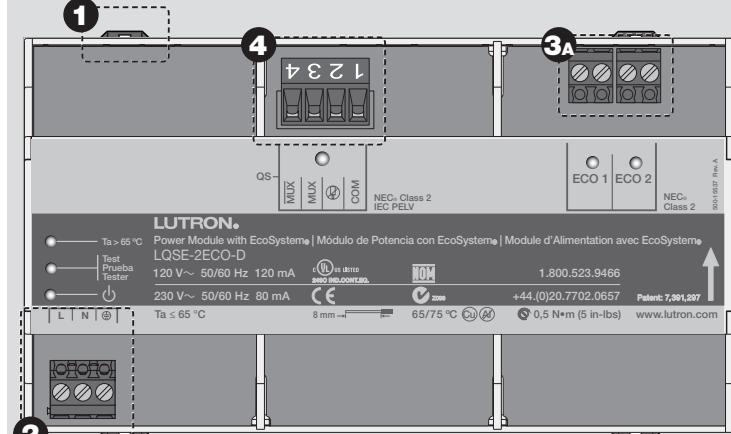
(Ta) < 65 °C Surrounding Air Temp | Umgebungslufttemperatur
Temperatura aria circostante | 环境气温

75 °C Max calibration point | Höchstwert für Kalibrierpunkt
Massimo punto di calibrazione | 校准点最高温度

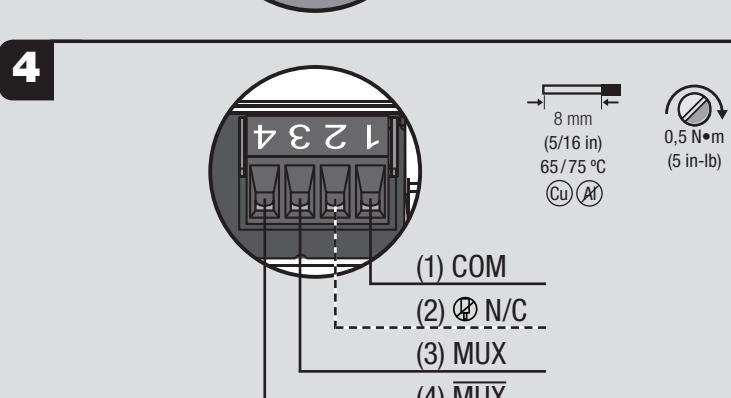
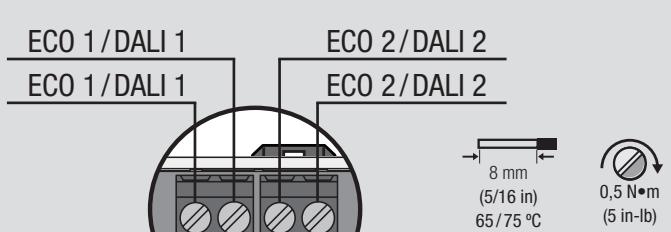
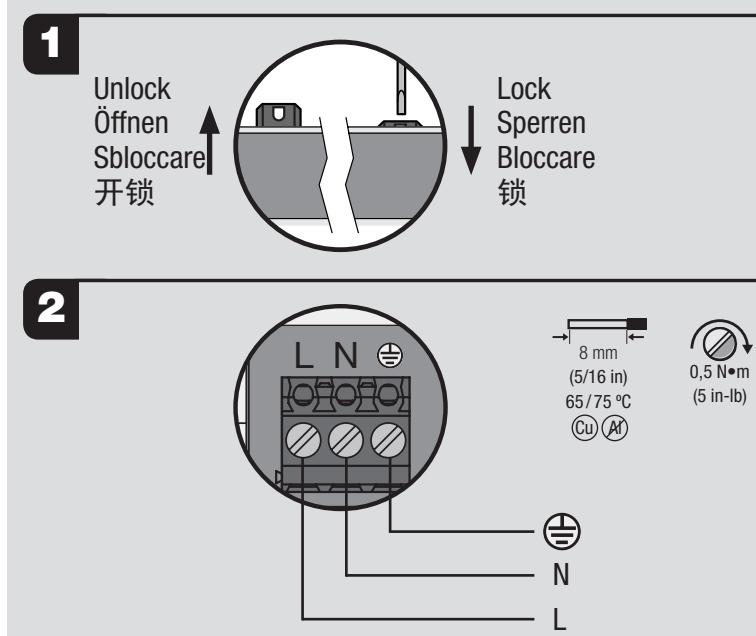
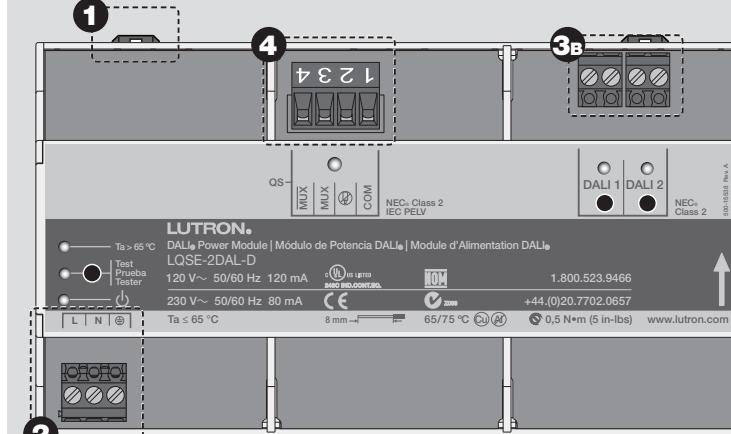
65 °C Min Wire Temp (Cu only) | Mindest-Leitertemperatur (nur Cu)
Temperatura filo minima (solo Cu) | 最小接线温度 (仅限 Cu)

LUTRON. 043426 Rev. A
Lutron Electronics Co., Inc. 17200 Suter Road, Coopersburg, PA 18036-1299, U.S.A.
www.lutron.com

LOSE-2ECO-D



LOSE-2DAL-D



Power Module with EcoSystem® DALI® Power Module

LOSE-2ECO-D
LOSE-2DAL-D

Please read before installing.

WARNING Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing the unit. More than one disconnect may be required to de-energize equipment.

Buttons and LEDs in the unit are used for programming and troubleshooting. If wiring is exposed when accessing buttons and LEDs, the unit must be accessed by a certified electrician, following local codes.

Note: For additional information on unit operation and ratings, please refer to Lutron® P/N 369611 and 369650 at www.lutron.com

1 Mounting

- Mount in a Schrank mit Schutzklasse IP20 (mindestens) mit integrierter Hutschiene oder in einem Schrank des Typs NEMA 1 montieren.
- Unit is DIN modules (16.7 mm or 6 5/8 in) wide.
- Mount to DIN rail using 4 clips on bottom of unit. Clips can be pulled out using a screwdriver.

2 Mains power wiring

The Power Module operates at 120/230 V~. Use the following instructions to wire line voltage to the Power Module.

- 1 Turn power off.
- 2 Use 1.0 mm² to 4.0 mm² (18 AWG to 12 AWG) conductors (depending on breaker rating) to feed the mains wiring. The device draws less than 80 mA (230 V~) or 120 mA (120 V~).
- 3 Strip 8 mm (5/16 in) of insulation off the mains cables.
- 4 Wire the mains to the terminals L, N, and GND. A three-position terminal block is provided. Do not wire L or N to the GND terminal.
- 5 The recommended installation torque is 0.5 N·m (5 in-lb).
- 6 The Power Module is earthed through the GND terminal. Attach the earth wire.
- 7 Close front cover of panel.
- 8 Turn on the circuit breaker to power up the Power Module. The POWER indicator on the Power Module will display a green light continuously when properly powered up. If the indicator does not light, turn off power, then check the mains voltage wiring and repeat this step.
- Note: If additional wiring space is required, the Power Module can be removed from the DIN rail while wiring.

3 Zone Wiring

a EcoSystem® Loop wiring

EcoSystem® Loop wiring may be considered to be mains voltage. (It is not considered SELV.) Consult applicable national and local codes for compliance.

Lutron recommends using two different colours for separate ECO 1 and ECO 2 loops. This will prevent wiring mistakes where several bus wires are co-located. Use the following instructions for wiring the EcoSystem® Loop.

- 1 Turn power off.
- 2 Wire the ECO Loop from the EcoSystem® terminals (ECO 1 and ECO 2) to all ballasts.
- 3 Turn on the circuit breaker to power up the Power Module with EcoSystem® unit. The POWER indicator on the Power Module with EcoSystem® unit will display a green light continuously when properly powered up. If the indicator does not light, turn off power, then check the mains voltage wiring and repeat this step.
- 4 The Power Module with EcoSystem® unit outputs EcoSystem® compliant voltage levels (16 V~ +/- 4.5 V~). Use a voltage meter to confirm this voltage.

b DALI® bus wiring

DALI® bus wiring may be considered to be mains voltage. (It is not considered SELV.) Consult applicable national and local codes for compliance.

Lutron recommends using two different colours for DALI 1 and DALI 2. This will prevent wiring mistakes where several bus wires are co-located. Use the following instructions for wiring the DALI® bus.

- 1 Turn power off.
- 2 Wire the DALI® bus from the DALI® terminals (DALI 1 and DALI 2) to all ballasts.
- 3 Turn on the circuit breaker to power up the DALI® Power Module unit. The POWER indicator on the DALI® Power Module unit will display a green light continuously when properly powered up. If the indicator does not light, turn off power, then check the mains voltage wiring and repeat this step.
- 4 The DALI® Power Module unit outputs DALI® compliant voltage levels (16 V~ +/- 4.5 V~). Use a voltage meter to confirm this voltage.

c QS Link (IEC PELV / NEC® Class 2)

- 1 Turn off power while servicing unit.
- 2 Wire QS Link to the unit as shown, note terminals 3 and 4 are twisted, shielded pair.
- 3 Link may be daisy chained or t-tapped, length not to exceed 610 m (2000 ft).

Note: Do not connect to terminal 2.

d Using LEDs to troubleshoot

LED	Normal Operation	Problem Indicator	Probable Cause
Power	Green: Continuous On	Green: 5 flashes per second	General system failure
Eco 1, Eco 2 (EcoSystem® Loop Status) or DALI 1, DALI 2 (DALI® Bus Status)	Green: 1 flash per second	Red: 5 flashes per second	Miswire or ECO loop or DALI® bus error
		Red: Continuous on	ECO loop or DALI® bus externally shorted
		Red/Green: alternating 1 flash per second	Loop or Bus slowed because of over-temperature
		Red: 1 flash per second	Loop or Bus stopped because of over-temperature
		Red: 1 flash per 7 seconds	More than one supply powering loop
QS (LOSE-2ECO-D)	Green: 1 flash per second	Green: 5 flashes per second	Incorrect data
QS (LOSE-2DAL-D)	Off	Green: 5 flashes per second	Incorrect data
Test	Off	Red: 5 flashes per second	Test failed - see ECO or DALI® LEDs
Hi Temp (Temperature Status)	Off	Red: 5 flashes per second	Over-temperature event occurred
		Red: continuous On	Over-temperature

e Verify lights

6a Verifying EcoSystem® lights connected to ECO loop 1 and loop 2

- 1 Enter Test mode: Press and hold Test Button on the Power Module with EcoSystem® unit until the Test LED starts flashing.
- ECO 1 button:
Each button press cycles the lights between:
 - Loop 1 going to low-end
 - Loop 1 going to high-end
 - Loop 1 fast
 - Loop 1 going to off
- ECO 2 button:
Each button press cycles the lights between:
 - Loop 2 going to low-end
 - Loop 2 going to high-end
 - Loop 2 fast
- 2 Exit Test mode: press and hold Test button until Test LED stops flashing.

6b Verifying DALI® lights connected to DALI® bus 1 and bus 2

- 1 Enter Test mode: Press and hold Test Button on the DALI® Power Module until the Test LED starts flashing.
- DALI 1 button:
Each button press cycles the lights between:
 - Bus 1 going to high-end
 - Bus 1 going to low-end
 - Bus 1 flash
 - Bus 1 going to off
- DALI 2 button:
Each button press cycles the lights between:
 - Bus 2 going to high-end
 - Bus 2 going to low-end
 - Bus 2 flash
 - Bus 2 going to off
- 2 Exit Test mode: press and hold Test button until Test LED stops flashing.

f Warranty

For warranty information, please see the Warranty enclosed with the product, or visit http://www.lutron.com/TechnicalDocumentLibrary/HomeWorks_Warranty.pdf and http://www.lutron.com/TechnicalDocumentLibrary/HomeWorks_Intl_Warranty.pdf

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Dimmermodul mit EcoSystem® DALI®-Dimmermodul

LOSE-2ECO-D
LOSE-2DAL-D

Bitte lesen Sie diese Anweisungen vor der Installation.

ACHTUNG Stromschlaggefahr. Gefahr schwerer oder tödlicher Verletzungen. Vor Installation des Geräts den Strom am Sicherungsautomaten abstellen. Um die Anlage abzuschalten, müssen eventuell mehrere Leitungen getrennt werden.

Die Tasten und LEDs im Gerät werden für Programmierung und Troubleshooting. If wiring is exposed when accessing buttons and LEDs, the unit must be accessed by a certified electrician, following local codes.

Note: For additional information on unit operation and ratings, please refer to Lutron® P/N 369611 and 369650 at www.lutron.com

1 Montage

- 1 In einem Schrank mit Schutzklasse IP20 (mindestens) mit integrierter Hutschiene oder in einem Schrank des Typs NEMA 1 montieren.
- 2 Bringt das Modul mit 4 Klemmen an der Unterseite an der Hutschiene an. Die Klemmen können mit einem Schraubendreher herausgezogen werden.

2 Netzspannungsverdrahtung

Das Leistungsverstärker-Modul läuft mit 120/230 V~. Schließen Sie das Modul anhand der folgenden Anweisungen an die Netzspannung an.

- 1 Schalten Sie den Strom aus.
- 2 Nehmen Sie 1,0-mm² bis 4,0-mm² Leiter (je nach Belastbarkeit der Sicherung) für die Netzspannung. Das Gerät erfordert eine Spannung von 120 mA (120 V~) oder 230 mA (230 V~).
- 3 Isolieren Sie die Netzspannungskabel um 8 mm ab.
- 4 Legen Sie die Netzspannung an die Klemmen L, N und GND. Dafür ist ein entsprechender Klemmenblock mit drei Positionen vorgesehen. Legen Sie keine L- oder N-Leitungen an Klemme GND.
- 5 Das empfohlene Anzugsmoment für die Schrauben beträgt 0,5 N·m.
- 6 Das Leistungsverstärker-Modul wird durch die GND-Klemme geerdet. Schließen Sie die Erdungsleitung an.
- 7 Schließen Sie die vordere Schrankabdeckung.
- 8 Schalten Sie den Sicherungsautomaten ein, um das Leistungsverstärker-Modul mit Strom zu versorgen. Bei richtiger Stromversorgung leuchtet die Spannungsanzeige (POWER) am Leistungsverstärker-Modul kontinuierlich grün. Wenn die Anzeige nicht leuchtet, schalten Sie die Stromversorgung aus, überprüfen Sie die Netzspannungsverdrahtung und wiederholen Sie diesen Schritt.
- Note: Wenn mehr Platz benötigt wird, kann das Leistungsverstärker-Modul während der Verdrahtung von der Hutschiene abgenommen werden.

3 Zonenausgänge

a EcoSystem®-Line-Verdrahtung

Il loop EcoSystem® può essere considerato a tensione di rete. (Non è considerato tipo SELV.) Consultare le normative nazionali e locali applicabili.

Lutron raccomanda di utilizzare colori distinti per i conduttori EC01 ed EC02. Ciò eviterà errori di cablaggio nei punti in cui vengono a trovarsi diversi conduttori del bus. Per il cablaggio del loop EcoSystem®, attenersi alle seguenti istruzioni:

1. Rimuovere la tensione.
2. Collegare il loop ECO 1 ed ECO 2 a tutti i reatori.
3. Portare l'interruttore automatico in posizione "ON" (accesso) per alimentare il modulo di potenza con EcoSystem®. L'indicatore presenza tensione del modulo si accenderà con luce verde fissa, a indicare lo stato di alimentazione (POWER). Se l'indicatore non si accende, rimuovere la tensione, quindi verificare il cablaggio a tensione di rete e ripetere la procedura.
4. Il modulo di potenza con EcoSystem® fornisce livelli di tensione conformi al protocollo EcoSystem®. (16 V~ +/- 4,5 V~). Utilizzare un voltmetro per verificare la tensione.

b DALI®-Verdrahtung

Il DALI®-Verdrahtung kann als Netzspannungsverdrahtung betrachtet werden. (Sie wird nicht als SELV betrachtet.) Überprüfen Sie, ob alle geltenden Vorschriften erfüllt werden.

Lutron raccomanda di utilizzare colori distinti per i conduttori DALI 1 e DALI 2. Ciò eviterà errori di cablaggio nei punti in cui vengono a trovarsi diversi conduttori del bus. Per il cablaggio del bus DALI®, attenersi alle seguenti istruzioni:

1. Schalten Sie den Strom aus.
2. Collegare il bus DALI dei morsetti DALI (DALI 1 e DALI 2) a tutti i reatori.
3. Portare l'interruttore automatico in posizione "ON" (accesso) per alimentare il modulo di potenza con EcoSystem®. L'indicatore presenza tensione del modulo si accenderà con luce verde fissa, a indicare lo stato di alimentazione (POWER). Se l'indicatore non si accende, rimuovere la tensione, quindi verificare il cablaggio a tensione di rete e ripetere la procedura.
4. Il modulo di potenza DALI® fornisce livelli di tensione conformi al protocollo DALI®. (16 V~ +/- 4,5 V~). Utilizzare un voltmetro per verificare la tensione.

c Cablaggio zona

d DALI®-Verdrahtung

Il DALI®-Verdrahtung kann als Netzspannungsverdrahtung betrachtet werden. (Sie wird nicht als SELV betrachtet.) Überprüfen Sie, ob alle geltenden Vorschriften erfüllt werden.

Lutron raccomanda di utilizzare colori distinti per i conduttori DALI 1 e DALI 2. Ciò eviterà errori di cablaggio nei punti in cui vengono a trovarsi diversi conduttori del bus. Per il cablaggio del bus DALI®, attenersi alle seguenti istruzioni:

1. Rimuovere la tensione.
2. Collegare il bus DALI dei morsetti DALI (DALI 1 e DALI 2) a tutti i reatori.
3. Portare l'interruttore automatico in posizione "ON" (accesso) per alimentare il modulo di potenza con EcoSystem®. L'indicatore presenza tensione del modulo si accenderà con luce verde fissa, a indicare lo stato di alimentazione (POWER). Se l'indicatore non si accende, rimuovere la tensione, quindi verificare il cablaggio a tensione di rete e ripetere la procedura.
4. Il modulo di potenza DALI® fornisce livelli di tensione conformi al protocollo DALI®. (16 V~ +/- 4,5 V~). Utilizzare un voltmetro per verificare la tensione.

e Link QS (IEC PELV / NEC® Class 2)

1. Togliere tensione mentre si opera sull'unità.
2. Collegare il link QS all'unità come illustrato. Notare che i terminali 3 e 4 sono un doppino intrecciato e schermato.
3. Il collegamento può essere del tipo daisy chain o con rubacorrente (T-tap),