Catalog Volume 3

Connection diagrams for LCP128™
For illustration purposes only. Consult model number pages for specific voltage and capacity information.
Dimmed

Magnetic low-voltage

MLV transformer (by others)

MLV transformer (by others)

MLV transformer (by others)

MLV transformer (by others)

Power booster

LCP128 spec grade panel

LCP128 panel with dimming module

LCP128 panel with adaptive dimming module

LCP128 panel with electronic low-voltage module

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
Dimmed

Electronic low-voltage

ELV transformer (by others)

ELV transformer (by others)

ELV transformer (by others)

ELV transformer (by others)

Phase-adaptive power module

LCP128 spec grade panel*

LCP128 spec grade panel

LCP128 panel with electronic low-voltage module

LCP128 panel with adaptive dimming module

* Forward phase only; reverse phase will require an interface

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
Connection diagrams | LCP128™

Dimmed

Electronic low-voltage (continued)

Electrical low-voltage interface

Phase-adaptive power module

ELV transformer (by others)

LCP128 panel with adaptive dimming module

LCP128 panel with adaptive dimming module

LCP128 spec grade panel

LCP128 panel with dimming module

Fluorescent (3-wire)

3-wire ballast
- Hi-lume®
- Hi-lume 3D
- EcoSystem®

3-wire fluorescent power module

3-wire ballast
- Hi-lume®
- Hi-lume 3D
- EcoSystem®

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Connection diagrams | **LCP128™**

**Dimmed**

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Dimmed

Tu-Wire® fluorescent (continued)

Fluorescent (0-10 V)

Tu-Wire ballast – Tu-Wire

0-10V ballast (by others)

0-10V ballast (by others)

0-10V ballast (by others)

Ten-volt module

0-10V interface

Ten-volt module

LCP128 panel with adaptive dimming module

LCP128 spec grade panel

LCP128 spec grade panel

LCP128 panel with dimming module

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
Dimmed

Fluorescent (0-10 V) (continued)

0-10 V ballast (by others)

0-10 V interface

0-10 V ballast (by others)

Ten-volt module

0-10 V ballast (by others)

0-10 V interface

LCP128 panel with dimming module

LCP128 panel with electronic low-voltage module

LCP128 panel with electronic low-voltage module

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Dimmed

Fluorescent (PWM) (continued)

PWM ballast (by others)

Pulse width modulation interface

Ten-volt module

LCP128 panel with electronic low-voltage module

LCP128 panel with electronic low-voltage module

LCP128 panel with adaptive dimming module

LCP128 panel with adaptive dimming module

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Dimmed

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LED (PWM) (continued)

PWM ballast (by others)

Ten-volt module

Pulse width modulation interface

LCP128 panel with electronic low-voltage module

PWM ballast (by others)

Pulse width modulation interface

LCP128 panel with electronic low-voltage module

PWM ballast (by others)

Ten-volt module

LCP128 panel with adaptive dimming module

PWM ballast (by others)

Pulse width modulation interface

LCP128 panel with adaptive dimming module

LCP128 panel with adaptive dimming module
**Dimmed**

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Dimmed

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* DALI broadcast only
**Dimmed**

LED (2-wire forward phase)

- Forward phase LED driver – Hi-lume® A-Series
- Forward phase LED driver – Hi-lume® A-Series
- Forward phase LED driver – Hi-lume® A-Series

- LCP128 spec grade panel
- LCP128 panel with dimming module
- LCP128 panel with adaptive dimming module

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Dimmed

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* Forward phase only; reverse phase will require an interface
Dimmed

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Switched

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
Non-dim lighting (continued)

- Switching power module
- 0-10V interface
- Pulse width modulation interface

LCP128 panel with adaptive dimming module
LCP128 panel with adaptive dimming module
LCP128 panel with adaptive dimming module
LCP128 panel with motor module

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For illustration purposes only. Consult model number pages for specific voltage and capacity information.
Switched

HID (continued)

0-10 V interface

Pulse width modulation interface

Switching power module

0-10 V interface

LCP128 panel with electronic low-voltage module

LCP128 panel with electronic low-voltage module

LCP128 panel with adaptive dimming module

LCP128 panel with adaptive dimming module

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Switched

HID (continued)

Motor loads

Pulse width modulation interface

Switching power module

0-10V interface

Pulse width modulation interface

LCP128 panel with adaptive dimming module

LCP128 panel with switching module

LCP128 spec grade panel

LCP128 spec grade panel

LCP128 spec grade panel

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
Switched

Motor loads (continued)

Switching power module

0-10V interface

Pulse width modulation interface

0-10V interface

LCP128 panel with dimming module

LCP128 panel with dimming module

LCP128 panel with dimming module

LCP128 panel with electronic low-voltage module

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Switched

Motor loads (continued)

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Switched

For illustration purposes only. Consult model number pages for specific voltage and capacity information.
Switched

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### Switched

- **Fan loads (continued)**
- **15A receptacle**

### Control options

- **Infrared (IR) remote control**
- **Traditional opening wallstation**
- **Ceiling-mount IR receiver**
- **Wallstation/keypad with IR receiver**
- **LCP128 controller (integral to panel)**

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### Control options

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Control options

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**Timeclock scheduling**

- Softswitch128 controller (built-in timeclock and integral to panel)

**Sensors**

- Wired occupancy sensors
- Wired power pack
- Contact closure input/output interface
- seeTouch® keypad
- seeTouch® keypad with occupancy sensor connection

**LCP128 controller (integral to panel)**
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Integration

Third-party contact closure device (e.g., projection screen) → Contact closure output interface

Third-party low-voltage switch → Contact closure input/output interface

Third-party AC motor loads → Wallbox contact closure input interface

LCP128 controller (integral to panel) → LCP128 controller (integral to panel)

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