

Low Voltage Controller



Features:

Capable of sequential or individual control of (2) circuit loads

Low voltage control for patient safety

Ultra-compact design allows for installation within almost any fixture

Compatible with all manufactured nurse-call products

Relay switching for two light outputs (up and down)

Removable cabinet enclosure made easy for installation and service

Available Voltage: 120 Vac = 5 amp resistive
2 amp ballast

240 Vac = 5 amp resistive
0.5 amp ballast

277 Vac = 3 amp resistive
0.5 amp ballast
(50/60Hz)

General Specifications:

The LVC (Low Voltage Controller) shall be an Amico Alert-2 Series.

When an over bed light is controlled through a nurse call handset, bed rail or pendant switch, an Amico LVC is required.

The Amico LVC housing shall be made of 16 gauge aluminum with an 18 gauge galvanized steel mounting plate.

The LVC can be controlled **Sequential** or **Individual**.

For **Sequential** control, a momentary single pole switch is used to control both lights (can be installed at multiple locations and are wired in parallel) as follows:

1. Up light on
2. Up light off and down light on
3. Both on
4. Both off

For **Individual control** (each load is controlled independently), a momentary 3-way switch is used for control (can be installed at multiple locations and are wired in parallel) as follows:

Up: Up light on and off cycles with each push of the button.

Down: Down light on and off cycles with each push of the button.

The LVC is a UL Recognized Component.

Project

Technical Specifications

Inch
[mm]

Top View

Side View

Front View

LOW VOLTAGE CONNECTIONS:
 - DUAL S1 and S2
 - SINGLE S3

SINGLE SWITCHING SEQUENCE	LOAD (Z1)	LOAD (Z2)
POWER UP RESET.....	OFF	OFF
FIRST.....	ON	OFF
SECOND.....	OFF	ON
THIRD.....	ON	ON
FOURTH.....	OFF	OFF

Model Numbers

Low Voltage Controller (120 Vac): **W-LVC-120**

Low Voltage Controller (240 Vac): **W-LVC-240**

Low Voltage Controller (277 Vac): **W-LVC-277**

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