LEVITON

Emergency Switching Luminaire Control

DESCRIPTION

In the past, all designated emergency lights in a facility had to stay on 24 hours a day to meet safety codes. The Leviton Emergency Switching Luminaire Control allows you to specify and install a UL-924 listed emergency power control device that can convert and control up to 20 regular light fixtures as approved emergency lights. These emergency lights can then be turned ON and OFF in the same manner as regular lights.

The Emergency Switching Luminaire Control automatically illuminates connected emergency loads to full brightness upon utility power interruption, regardless of switch/dimmer position.

APPLICATIONS

Ideal for emergency luminaires in public places such as:

- Auditoriums
- Restaurants
- Conference rooms
- Theaters
- Classrooms
- Retail spaces
- Municipal buildings
- Houses of worship

FEATURES

- **Automatic Diagnostic**—when the room switch is turned OFF, the emergency luminaires stay on for 2.5 seconds and indicate that an emergency power source is available and the equipment is functioning correctly
- **Mounting**—either flush mount or mount above a suspended ceiling in a single-gang plaster ring makes installation simple for varying applications
- **Power Indicator**—LED for utility power (green) for easy verification of normal power

Leviton Manufacturing Co., Inc. Energy Management, Controls and Automation
20497 SW Teton Avenue, Tualatin, OR 97062 **tech line** 800-959-6004 **fax** 503-404-5594
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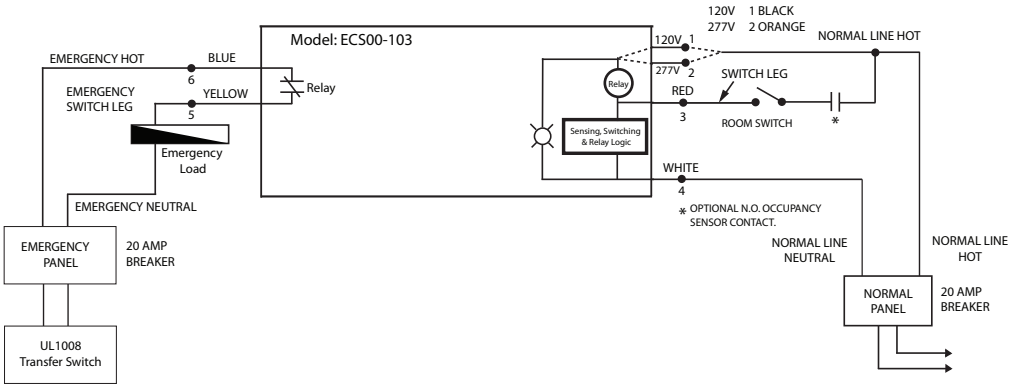
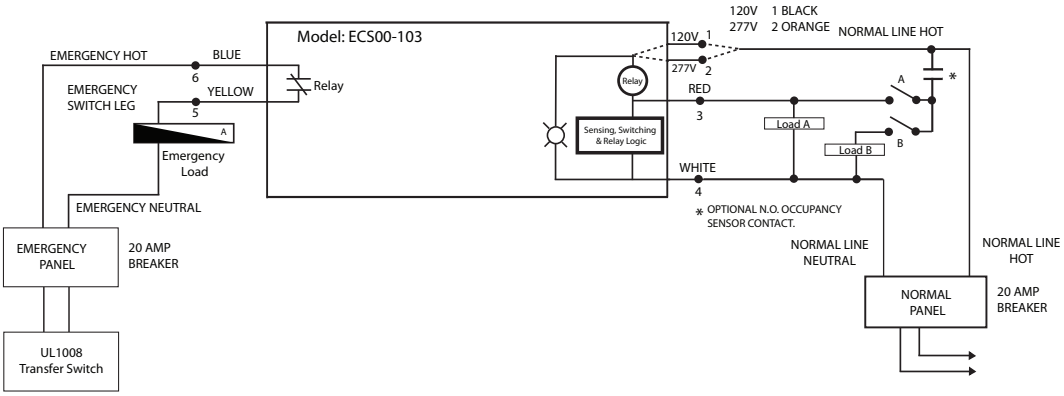
PRODUCT DATA

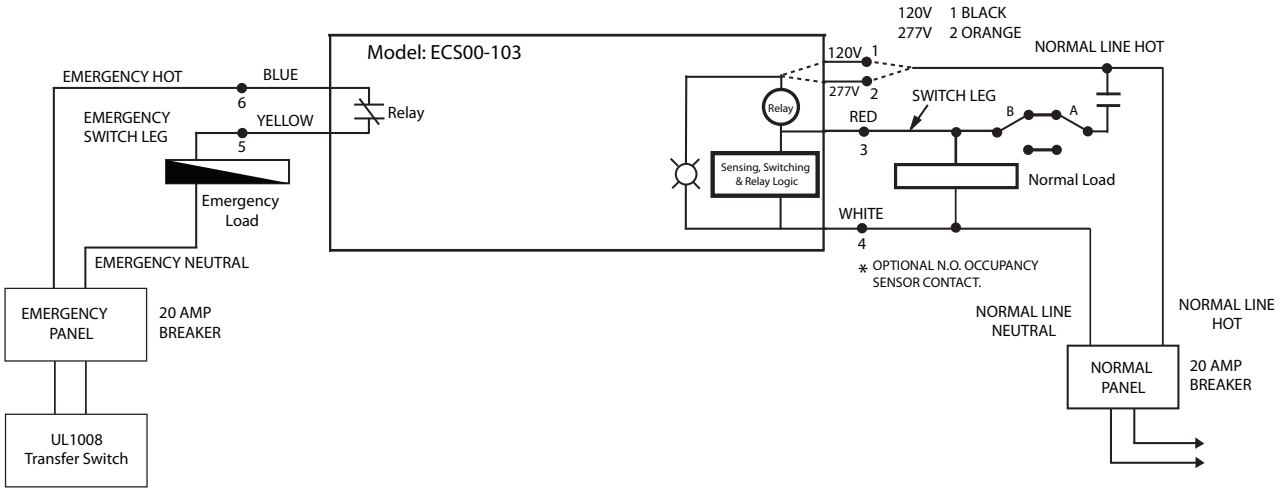
WIRING DIAGRAM - ECS00-103
ROOM WITH (1) LIGHT FIXTURE



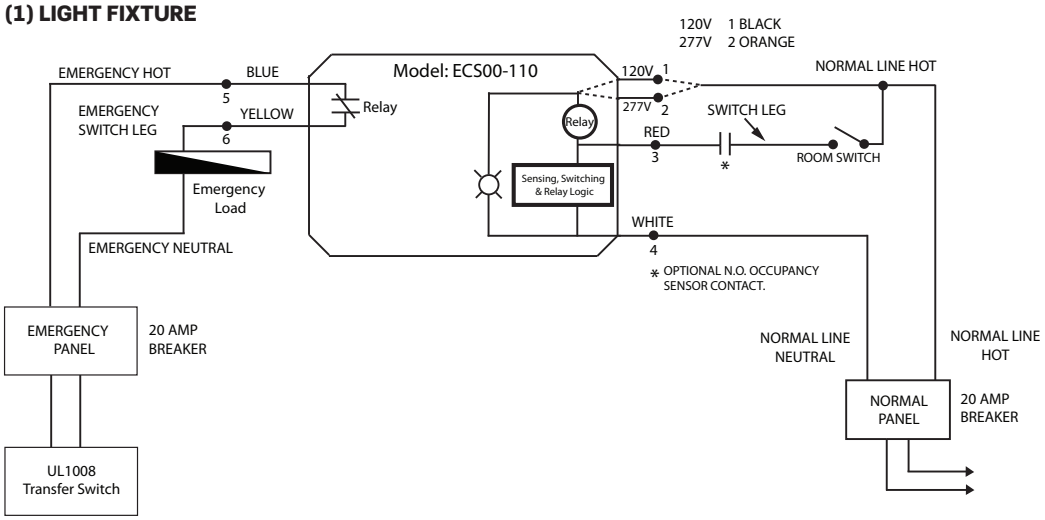
WIRING DIAGRAM - ECS00-103
DUAL LIGHT LEVEL SWITCHING



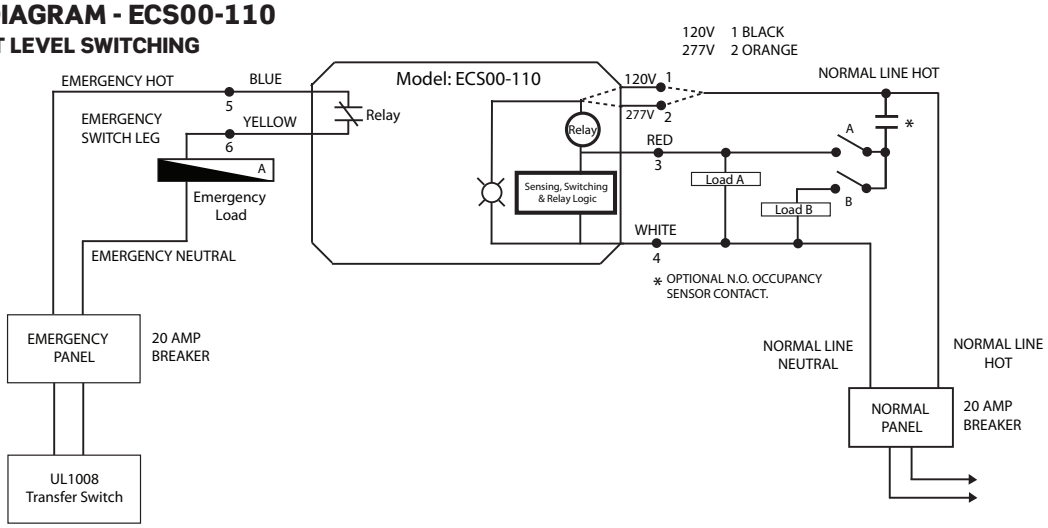
WIRING DIAGRAM - ECS00-103
(2) THREE-WAY SWITCHES



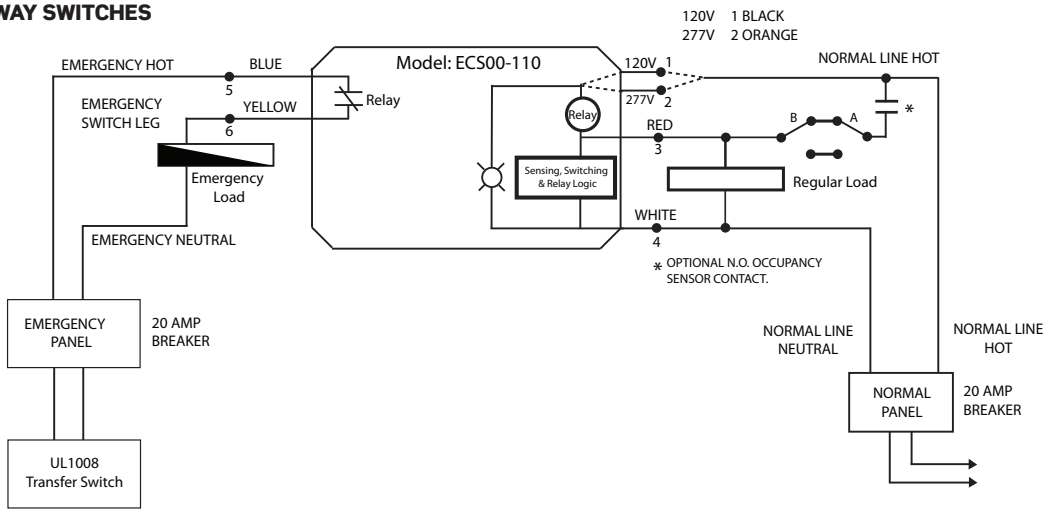
WIRING DIAGRAM - ECS00-110
ROOM WITH (1) LIGHT FIXTURE



WIRING DIAGRAM - ECS00-110
DUAL LIGHT LEVEL SWITCHING



WIRING DIAGRAM - ECS00-110
(2) THREE-WAY SWITCHES



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LEVITON®

SPECIFICATIONS

ELECTRICAL	ECS00-103	ECS00-110
Sensing Input	120V or 277V	
General Purpose	3A, 60Hz	10A, 60Hz
Ballast		
Tungsten/Incandescent		
Electronic Ballast/LED Loads	Not rated for LED loads	3A, 60Hz
Voltage Tolerance	+/- 15%	
High Voltage Surge Protection	Up to 50,000V	
Contacts	Normally closed contacts	
PHYSICAL	**ECS00-103**	**ECS00-110**
Mounting	Fixture Mount model includes mounting ears	Mounts inside a 4 11/16" (119.06mm) junction box with an extension and blank cover
Dimensions (with mounting ears)	4.875" (123.83mm)W x 1.06" (26.92mm)H x 1.06" (26.92mm)D	3.75" (95.25mm)W x 1.75" (44.45mm)H x 1.5" (38.1mm)D
Weight	0.4 lb (0.18kg)	0.5 lb (0.23kg)
Ambient Temperature	32 to 140°F (0 to 60°C)	
IP Rating	IP20	
Listings	UL Listed to UL924, cUL/US	

ORDERING INFORMATION

CAT. NO.	DESCRIPTION
ECS00-103	Emergency Power Control, fixture mount, switching loads transfer and shunt relay, 120-277VAC, 3A, 60Hz
ECS00-110	Emergency Power Control, switching loads transfer and shunt relay, 120-277VAC, 10A, 60Hz

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