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LUMITEC PICO S8 Expansion Module Instruction Manual

PICO S8 Expansion Module

Contents

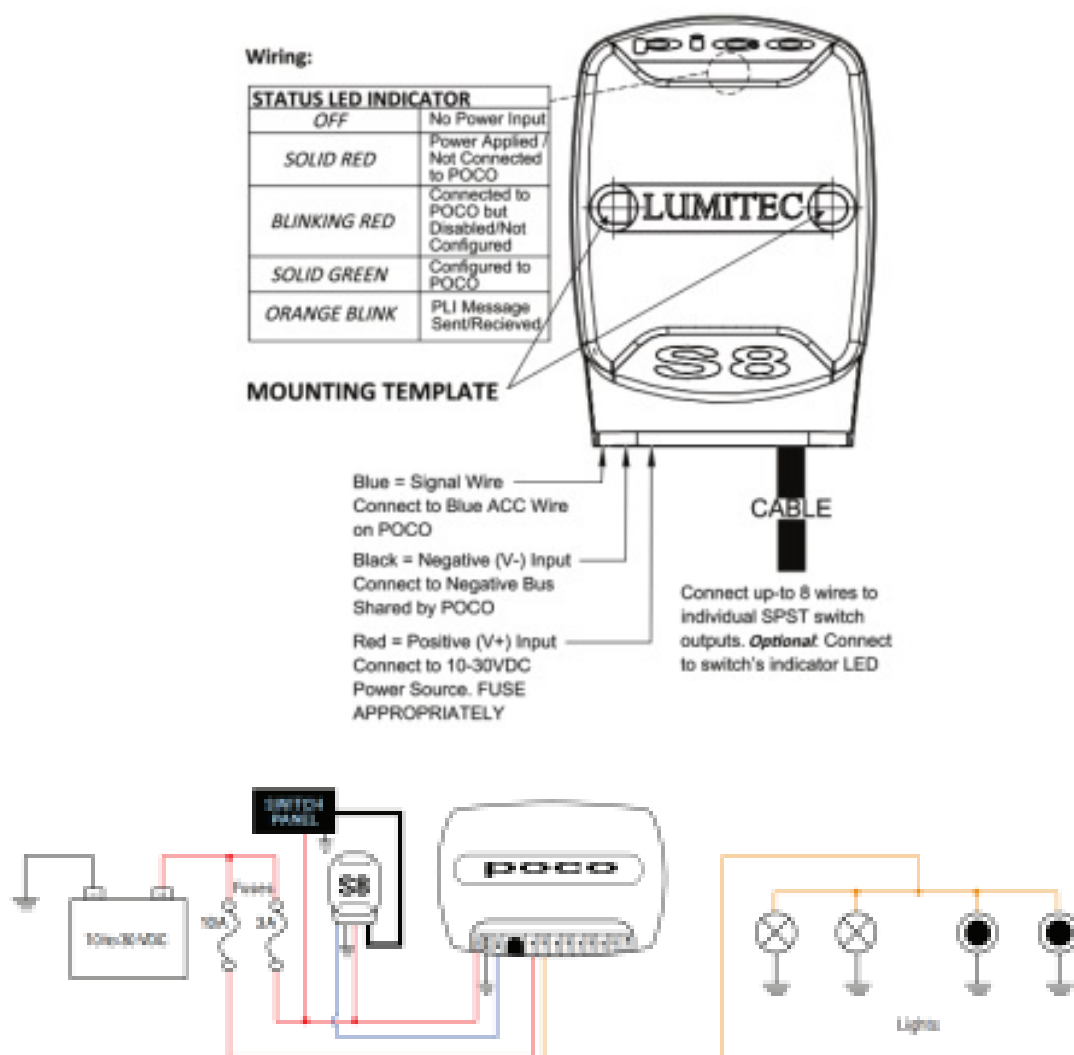## Operation and Installation Instructions:

Basics:
PICO S8 is designed to monitor the output of up to 8 SPST switches (toggle, rocker, momentary, etc.) and signal the Lumitec POCO Digital Lighting Control System (POCO 3 or greater) when a switch is flipped, pressed, or released. POCO can be configured to use the signal from the PICO S8 to trigger any pre-set digital command to its connected lights. This means that, with the PICO S8, a mechanical switch can be given full digital control over Lumitec lights.

Mounting:
Secure PICO S8 to the desired surface with the provided #6 mounting screws. Use Mounting Template provided to pre-drill pilot holes. Most applications will require a drill bit sized larger than the minimum screw diameter but smaller than the maximum thread diameter. When choosing where to mount the PICO S8, consider proximity to the POCO and to the switches. When possible, minimize the length of wire runs. Also consider the visibility of the indicator LED on the PICO S8, which can be useful during the setup to determine the status of the S8.

Configuration

Enable and set up the S8 under the "Automation" tab in the POCO configuration menu. For instructions on how to connect to the POCO and how to access the configuration menu, see: lumiteclighting.com/pocoquick-start/ Up to four PICO S8 modules can be configured to one POCO. Support for the PICO S8 module must first be enabled in the POCO menu, then slots for S8 modules can be individually enabled and discovered. Once discovered, each switch wire on the PICO S8 can be defined with an Input Signal Type (toggle or momentary) and Output Signal Type for the optional control of an indicator LED. With the wires defined, each wire shows up on the list of triggers for action inside POCO. An action links any switch already set up inside the POCO menu to an external trigger or triggers. POCO supports up to 32 different actions. Once an action is saved and appears on the list of actions in the Automation tab, it becomes active and POCO will activate the assigned internal switch when the assigned external trigger is detected.

Wiring:

STATUS LED INDICATOR	
OFF	No Power Input
SOLID RED	Power Applied / Not Connected to POCO
BLINKING RED	Connected to POCO but Disabled/Not Configured
SOLID GREEN	Configured to POCO
ORANGE BLINK	PLI Message Sent/Recieved/

MOUNTING TEMPLATE

Blue = Signal Wire
Connect to Blue ACC Wire on POCO

Black = Negative (V-) Input
Connect to Negative Bus Shared by POCO

Red = Positive (V+) Input
Connect to 10-30VDC Power Source. FUSE APPROPRIATELY

CABLE

Connect up-to 8 wires to individual SPST switch outputs. *Optional:* Connect to switch's indicator LED

lumiteclighting.com

Documents / Resources

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LUMITEC, PICO, S8, Expansion Module