



Universal Switch Interface Module

- ◆ Optional dataline module for use with SWS system
- ◆ Simplifies wiring of standard switches in SWS network
- ◆ Imitates the function of an 8-button Dataline Switch
- ◆ Supports up to eight switching groups with bi-color status LED for each group
- ◆ ON/OFF push button override for each group
- ◆ ON/OFF or pattern group control
- ◆ DIN rail mounting
- ◆ Wires to any SWS panel or accessory enclosure
- ◆ One year warranty



Component Information

The Universal Switch Interface Module (HUSM8SS) is a dataline device used to wire non-dataline switches (or other devices) to The Watt Stopper Smartwired Switching System (SWS) network. With eight universal inputs to accept connections from external switches or devices, the module mimics the function of an 8-button Dataline Switch, so that each connecting device can be smartwired to control any relay, group of relays, or channel in any panel on an SWS network. This allows any standard switch or other dry contact closure to control relays in the SWS network.

Operation

The module converts the switch inputs into dataline signals so that each input terminal of the HUSM8SS operates just like a button of a Dataline Switch. Users may wire any standard 2- or 3-wire momentary or maintained switches to these inputs. Then, through the smartwiring sequence, users can assign relays to a specific input for common control. Isolated dry contact relays in the unit provide status feed back for other systems. Users install, document, and smartwire the HUSM8SS like any other dataline switch in their SWS network.

Features

For simplified installation, the module features DIN rail mounting and can be installed in any panel or accessory enclosure on an SWS network. Like Dataline Switches, the module can be easily programmed using the SWS Network Clock. In addition to standard switches, simple input from other building systems (i.e., HVAC or security) can be integrated into the SWS control system.

Applications

Because of the smartwiring functionality, system administrators can easily reconfigure lighting groups without the need for re-wiring. With the module, standard switches can be “clustered” near a Universal Switch Module unit and wired to it, reducing the number of wiring conductor runs back to the panel. The module affords additional flexibility for SWS system users by enabling virtually any type of switching device to control lighting groups. For instance, the module can be beneficial in providing floor- or facility-wide control as well as visual status capabilities when used with pilot light push-button switches (i.e., non-dataline devices) at a facility override station. Via the Universal Switch Module, the operator at the override station can control any relay, group of relays, or channel in any panel on the SWS network.

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Universal Switch Technical Information

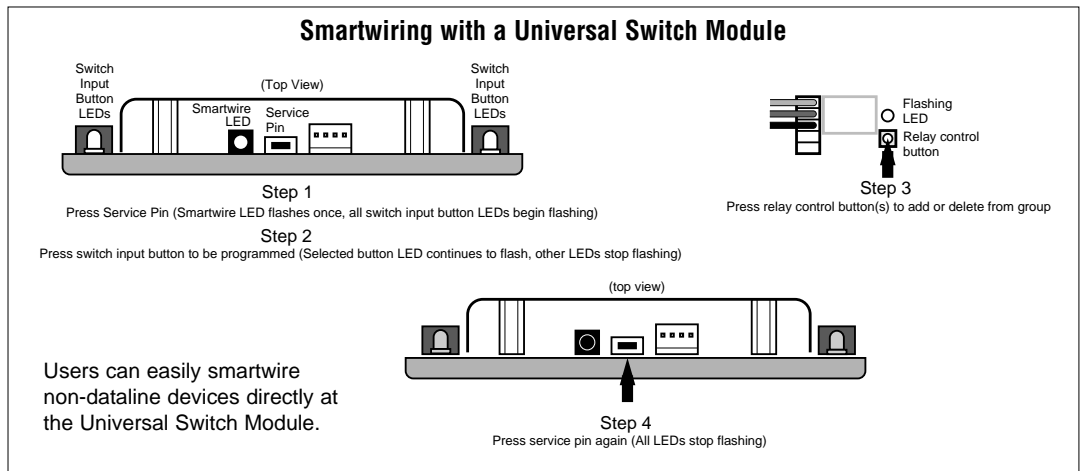
Specifications

- ◆ Optional dataline module for use with SWS system
- ◆ Eight inputs accepting any 2- or 3-wire switch input or contact closure (momentary or maintained)
- ◆ Two-wire isolated dry contact status feedback (1 amp, 24 VAC) for each of eight switching groups
- ◆ 13 VA power consumption from the panel
- ◆ Bi-color status LED for each group (Red = All ON, Green = Mixed status, No color = All OFF)
- ◆ Choice of dataline connections including snap-on cable for installation in any SWS panel or accessory enclosure
- ◆ Maximum of three modules per panel or accessory enclosure (or two with up to 16 dataline switches)
- ◆ One year warranty

Ordering Information

| Catalog No. | Description |
|-------------|-----------------------------------|
| HUSM8SS | Universal Switch Interface Module |

Smartwiring



System Layout

