



BMS Interface Module for SWS

- ◆ Automation module for SWS panels that accepts scheduling input from other building systems
- ◆ Choice of up to four common scenarios for interior and exterior lighting control
- ◆ Two-line graphical display with simple menu-driven data entry
- ◆ Optional egress delay before lights are switched OFF
- ◆ Plugs into 4-pin connector in any SWS system relay panel
- ◆ One year warranty



Component Information

The Watt Stopper Building Management System (BMS) Interface Module (HBMS8SS), designed to work with a Smartwired Switching System (SWS), provides an alternative approach to system scheduling and automation. Where scheduling is to be provided by another building system, such as a building management, HVAC, or security system, the BMS module is used instead of the Network Clock to provide proven lighting automation scenarios for up to eight different lighting groups.

Operation

The BMS module plugs into the dataline connection in any SWS panel in the system and mounts on the panel's DIN rail. The system administrator follows a simple, menu-driven sequence to select control scenarios for each channel based on the needs of the controlled area. Structured around a business hours/after hours (occupied/unoccupied) status approach, these scenarios can be invoked with a signal provided by a dry contact closure from an external system to each channel input. Each scenario offers necessary functions such as blink warnings and user-selectable time delays. An optional Photocontrol Package can interface with the BMS module to provide signals for each channel depending on day-light levels.

Features

User-selectable control scenarios include manual ON/scheduled OFF and scheduled ON/OFF. The BMS module also interfaces seamlessly with the Photocontrol Package to provide light level based control scenarios for exterior lighting control. To interface with external devices such as the HVAC or security systems, the BMS Interface Module provides a separate contact input connection for each of its eight channels as well as a status feedback contact for each channel. This contact input transmits the business hours/after hours status information to the BMS Interface Module. The module then executes the appropriate scenario. Users may also select an optional egress delay that allows occupants additional time to vacate an area before lighting is turned off (up to a four hour delay).

Applications

In many small to mid-sized facilities, the owner needs centralized control of building systems but may not require the comprehensive monitoring and analysis capabilities of large lighting control systems. The BMS Interface Module enables the SWS system to interface with other building systems while retaining the control scenarios. These afford streamlined building operation while accommodating individual occupant needs. At the same time, the flexible grouping of lighting loads available enables building owners and operators to make adjustments when necessary without costly retrofitting or time-consuming programming. They need only re-configure lighting groups to reflect changed needs.

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BMS Interface Technical Information

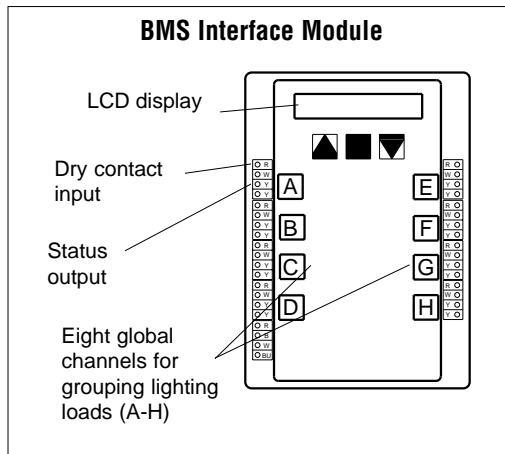
Specifications

- ◆ Eight input channels
- ◆ Accepts scheduling input from external devices via dry contact closure for each channel input
- ◆ User-definable status contact for each channel
- ◆ Menu-driven scenario selection using business hours/after hours (occupied/unoccupied) status approach for up to eight channels
- ◆ Two-line, 16-character LCD display
- ◆ User-selectable blink warnings and protected timed overrides
- ◆ User-selectable control scenarios for interior lighting (manual ON/scheduled OFF and scheduled ON/scheduled OFF)
- ◆ Automatic interface with optional Photocontrol module with user-selectable control scenarios for exterior lighting control (dark ON/dark OFF and dark ON/scheduled OFF)
- ◆ User-selectable egress time delay for all scenarios (ten-minute increments up to four hours)
- ◆ DIN rail mounting in any SWS panel in the network
- ◆ One year warranty

Ordering Information

Catalog No.	Description
HBMS8SS	BMS System Interface Module
Optional control modules include:	
HPCP8SS	Photocontrol Package with Photosensor

Controls & Scheduling Information



Documentation Form for BMS Interface Module

Smartwired™ Switching System
BMS Interface Module Automation Scenarios

CHANNEL	DESCRIPTION OF GROUP	AUTOMATION SCENARIO	DATA	CONTACT DEFINITION
A		<input type="checkbox"/> SCHEDULED ON/OFF <input type="checkbox"/> MANUAL ON/SCHEDULED OFF <input type="checkbox"/> DARK ON/OFF <input type="checkbox"/> DARK ON/SCHEDULED OFF		
B		<input type="checkbox"/> SCHEDULED ON/OFF <input type="checkbox"/> MANUAL ON/SCHEDULED OFF <input type="checkbox"/> DARK ON/OFF <input type="checkbox"/> DARK ON/SCHEDULED OFF		
C		<input type="checkbox"/> SCHEDULED ON/OFF <input type="checkbox"/> MANUAL ON/SCHEDULED OFF <input type="checkbox"/> DARK ON/OFF <input type="checkbox"/> DARK ON/SCHEDULED OFF		
D		<input type="checkbox"/> SCHEDULED ON/OFF <input type="checkbox"/> MANUAL ON/SCHEDULED OFF <input type="checkbox"/> DARK ON/OFF <input type="checkbox"/> DARK ON/SCHEDULED OFF		
E		<input type="checkbox"/> SCHEDULED ON/OFF <input type="checkbox"/> MANUAL ON/SCHEDULED OFF <input type="checkbox"/> DARK ON/OFF <input type="checkbox"/> DARK ON/SCHEDULED OFF		
F		<input type="checkbox"/> SCHEDULED ON/OFF <input type="checkbox"/> MANUAL ON/SCHEDULED OFF <input type="checkbox"/> DARK ON/OFF		

