

# Occupancy Sensors and Lighting Controls

## Permanently Marked Receptacles for Automatic Outlet Control Systems



Power when you need it...  
Energy savings when you don't

- Permanent power symbol remains clearly visible after installation
- Factory broken split tab on the half controlled units saves field installation time
- Ideal for commercial buildings, retail, schools, hotel rooms
- Compliment Bryant's LoadLogic Automatic Outlet Control systems as well as existing systems
- Listed for 20A enclosed switching
- Heavy duty 60A rated mechanical latching relay, silver alloy contacts
- Low voltage output short circuit protection
- 24V DC, 250mA DC power output on applicable units
- UL 2043 plenum rated
- Compatible with most LED and CFL
- Zero cross switching

### Heavy Duty Control Unit

Robust latching relay provides reliable performance over many different applications, including plug loads. 20A 100-277V AC, 1HP @ 120V AC, 2HP @ 240/277V AC. Auto or Manual-ON operation. Powers up to six low voltage sensors.

Description	Voltage	Catalog Number
Heavy duty control unit	100-277V AC	<b>MSCUHD</b>
Heavy duty latching relay, for use with MSCUHD		<b>MSAR20P</b>

Note: See page F-16 for technical specifications and wiring schematics.



### Permanently Marked Receptacles for Automatic Outlet Control Systems

Description	Color	15A Duplex	20A Duplex	15A Decorator	20A Decorator
Permanently marked receptacles	Gray	<b>CBRS15C1GRY</b>	<b>CBRS20C2GRY</b>	<b>DRS15C1GRY</b>	<b>DRS20C2GRY</b>
	Ivory	<b>CBRS15C1I</b>	<b>CBRS20C2I</b>	<b>DRS15C1I</b>	<b>DRS20C2I</b>
	Light Almond	<b>CBRS15C1LA</b>	<b>CBRS20C2LA</b>	<b>DRS15C1LA</b>	<b>DRS20C2LA</b>
	White	<b>CBRS15C1WHI</b>	<b>CBRS20C2WHI</b>	<b>DRS15C1WHI</b>	<b>DRS20C2WHI</b>

Note: See Section A for additional products and colors.



ASHRAE 90.1-2010 mandates that 50% of all outlets in private offices, open offices, and computer classrooms must be automatically controlled by occupancy or time based schedules. This also includes outlets in modular furniture. Bryant provides solutions for compliance that are cost effective and installer friendly. See below for example. Additional examples and design resources are located at [www.Bryant-wiring.com/energy.aspx](http://www.Bryant-wiring.com/energy.aspx)



### Wiring Diagram

Utilizing low voltage wiring provides installers with a familiar method of wiring and installation. Specify MSCUHD to control outlets and use MSAR or MSCU to control the lighting. Utilize alternating outlet or split receptacle wiring as required to control at least 50% of the outlets in the space.

