

# Touch-Plate®

[www.touchplate.com](http://www.touchplate.com)

Lighting Controls



*“Turning the light on around the world”*

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# Ultra

## The Ultra:

The Touch-Plate® Ultra switch offers designer style in a small horizontal button with exceptional tactile response.

Its six buttons-per-gang configuration can minimize the wall space needed while blending into any décor.

The Ultra is available in two, four, or six button-per-gang options to accommodate most control applications. Flushplates and frames are available in several finishes.

Ultra switches are the perfect upgrade for any low voltage control system.

## Features:

- Two-wire push button momentary switch
- Multiple switch and LED configurations
- Housing has engraving capability
- LED option in Blue or Green

## This Model:

ULT-6B-6L-BLK  
Featured in a black, 1 gang Lexus frame (LEX-1G-BLK), and black, 1 gang Ultra flushplate (FP-1G-ULTRA-BLK).



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**For ordering information, please see pgs 9-14**

# Royal

## The Royal:

The Touch-Plate® Royal switch offers a larger button with great feel and an additional audible feedback.

Multiple button configurations are available to accommodate most control applications.

The switches are rugged industrial quality. Flushplates and frames are available in several finishes.

Royal switches add a professional touch to any low voltage control system, with versions available that handle a range of 5VDC to 24VDC LED output voltage. Indicate your LED voltage requirement at time of order.

## Features:

- Two-wire push button momentary switch
- Multiple switch and LED configurations
- LED option in Blue or Green

## This Model:

RYL-6B-6L-BLK

Featured in a black, 1 gang Lexus frame (LEX-1G-BLK), and black, 1 gang RYL-6B flushplate (FP-1G-RYL-6B-BLK).



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# Mystique

## The Mystique:

The Touch-Plate® Mystique switch offers elegant styling and a soft touch, in a medium-sized button.

A wide range of button configurations are available to accommodate almost every control application.

The switches are rugged industrial quality. Flushplates and frames are available in several finishes.

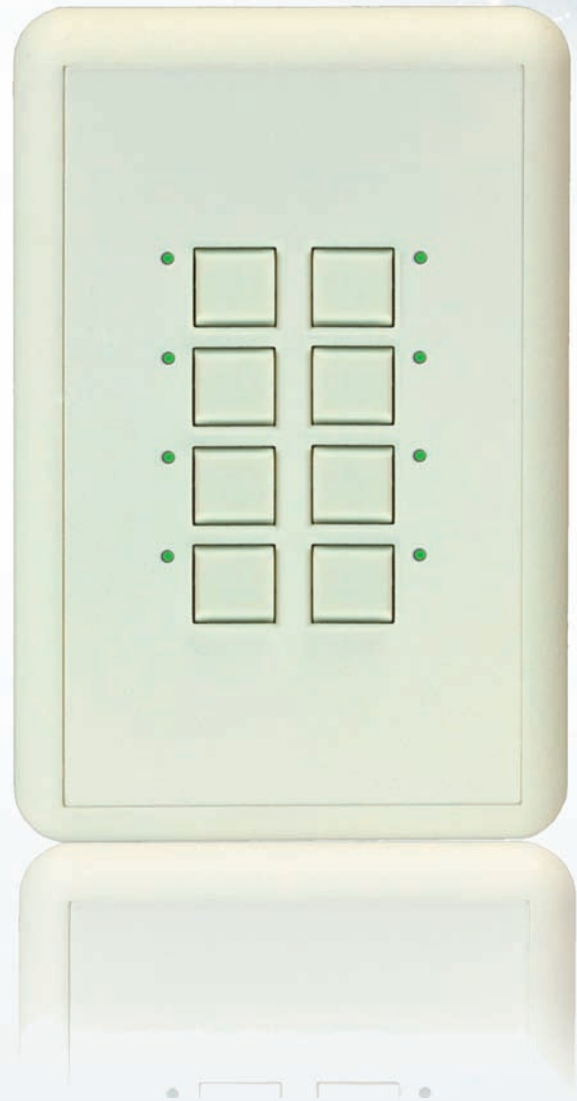
Mystique switches are the perfect complement to any low voltage lighting control system for use as a master control station, which eliminates multiple gangs of conventional switches.

## Features:

- Two-wire push button momentary switch
- Multiple switch and LED configurations
- Each switch cap 1/2" square
- Switch caps have engraving capability
- LED option in Blue or Green

## This Model:

MYS-8B-8L-WHT  
Featured in a white, 1 gang Lexus frame (LEX-1G-WHT), and white, 1 gang MYS-8B-8L flushplate (FP-1G-MYS-8B-8L-WHT).



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**For ordering information, please see pgs 9-14**

# Eclipse

## The Eclipse:

The Touch-Plate® Eclipse switch offers a distinctive style with small horizontal buttons.

The same great feel and response as the Ultra series, but in a more economical plastic cover package.

A wide range of button and LED configurations are available to accommodate most control applications. The Eclipse is an extremely reliable switch at a very affordable price.

It can be used in any low voltage control system. Models are available to control old systems from GE® and Remcon®, as well as all new systems by GE®, Watt Stopper®, and Square D®, by simply requesting the 24VDC shared common version.

## Features:

Two-wire push button momentary switch

Multiple switch and LED configurations

Housing has engraving capability

LED option in Blue or Green

Two and four button versions designed to be compatible with 3-wire low voltage systems.

## This Model:

ECL-4B-4L-IVR

Offered as a complete system per color (includes cover).



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# Classic

## The Classic:

The Touch-Plate® Classic switch is newly updated and available in four button or six button per gang configurations.

The plastic cover attaches into mounting holes with no exposed screws.

These switches are designed for use with any new low voltage control system and are drop-in replacements for switches in older Touch-Plate® Lighting Control systems.

## Features:

- Two-wire push button momentary switch
- Multiple switch and LED configurations
- Each switch cap 1/2" square
- Switch caps have engraving capability
- LED option in Green
- Switch contacts rated 1 amp @ 28 volts.

## This Model:

CLA-6B-6L-ALM  
Offered as a complete system per color  
(includes cover).



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**For ordering information, please see pgs 9-14**

# Genesis

## The Genesis:

The Touch-Plate® Genesis switch offers dependable performance at an economical price, and is available with one, two, or three switches.

The Genesis features large momentary contact push buttons with rugged, industrial quality switch mechanisms.

These switches are not available with pilot lights, and come pre-mounted in matching wall plates.

The Genesis is designed for use with any new low voltage control system, and function as exact replacements for switches in older Touch-Plate® Lighting Control systems.

## Features:

- Two-wire push button momentary switch
- One, two, or three switches in a cover plate
- Switch contacts rated 4 amps @ 28 volts

## This Model:

GEN-1B-WHT  
Offered as a complete system per color  
(includes cover).



# Touch-Plate®

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# Industrial

## The Industrial:

The Touch-Plate® Industrial switch is a front snap-in mounting switch.

A wide range of configurations are available to accommodate most control requirements.

These switches are of heavy-duty industrial quality. Flushplates and frames are available in several finishes and sizes.

The Industrial switch is the perfect switch for commercial and industrial control applications.

## Features:

- Two-wire push button momentary switch
- Two switch styles available (momentary / maintain)
- Multiple switch and LED configurations
- Each switch cap 3/4" square with black bezel
- Switch caps have engraving capability
- LED option in red
- Switch contacts rated 8 amps @ 30 volts

## This Model:

IND-MTN-IL-WHT

Featured in a black, 1 gang Metal frame (MTL-1G-BLK), and chrome, 1 gang IND-6B flushplate (FP-1G-IND-6B-CRM). Switches each sold separately (photo features 6 switches).



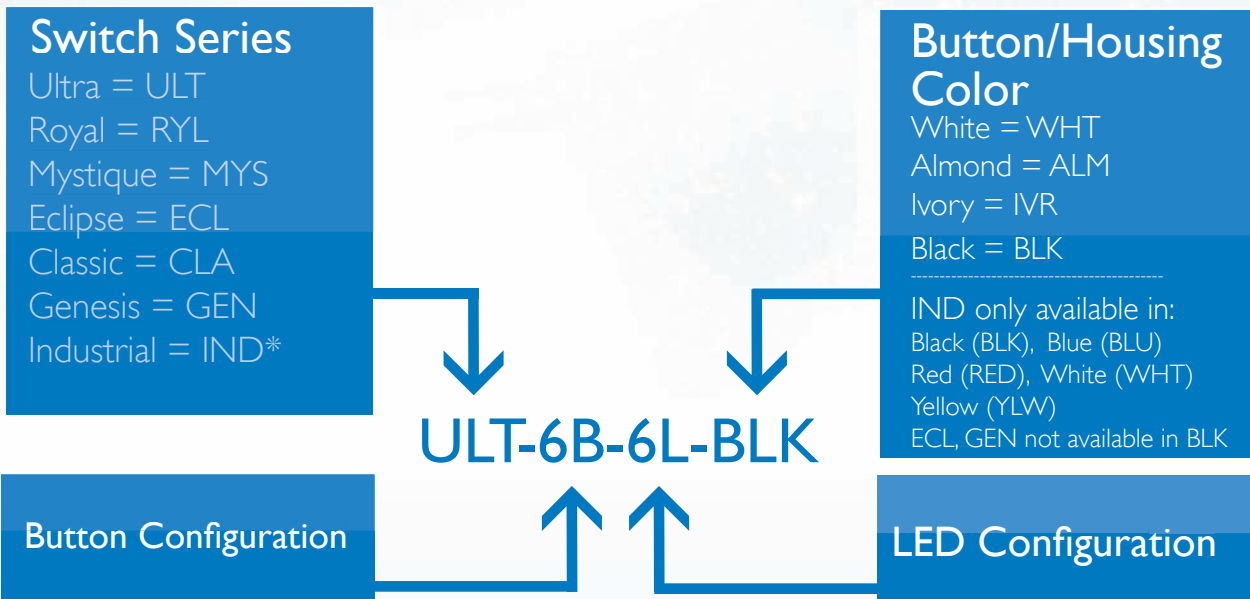
Place orders online @  
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**For ordering information, please see pgs 9-14**

# Ordering

## Switch Ordering Key

See page 11,12 for all available switch configurations.



\*Industrial available in maintain (MTN) and momentary (MTY)

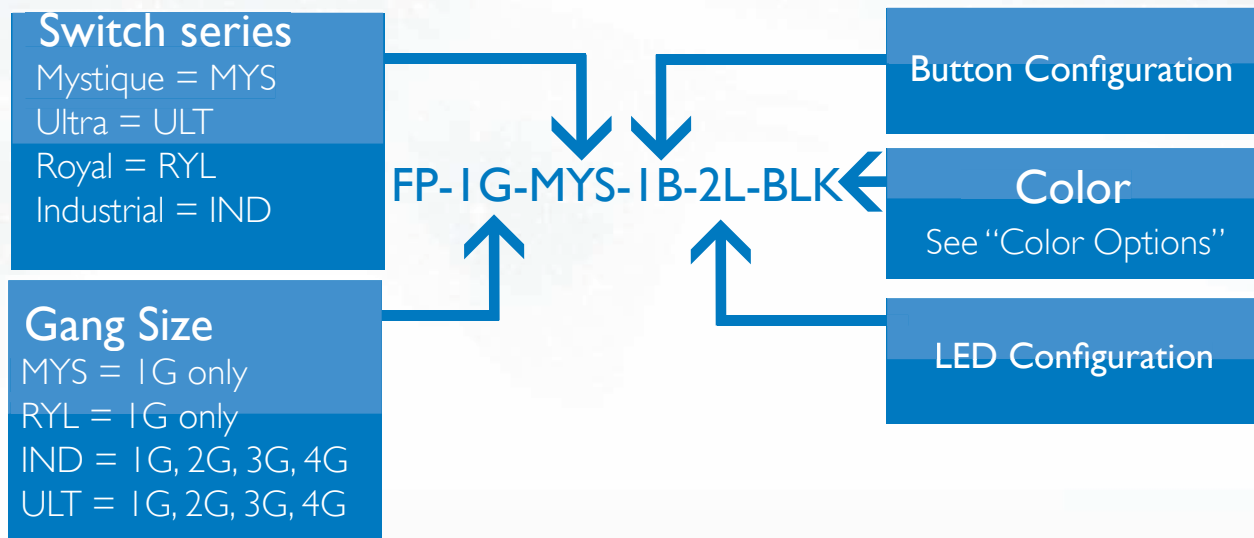
## Color Options

Please see our ordering keys for available colors per series.

| White  | Black   | Ivory   | Almond  | Prime   | Brass  | Antique Brass   | Chrome  | Nickel  |
|--|---|---|---|---|--|---|---|---|
|  |  |  |  |  |  |  |  |  |
| WHT  | BLK   | IVR   | ALM   | PRM   | BRS  | ATQ   | CRM   | NKL   |

# Ordering

## Flushplate Ordering Key



## Frame Ordering Key



## Metal Frame Configurations



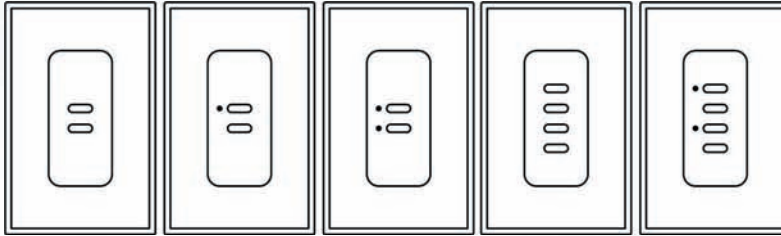


# Switch Configurations

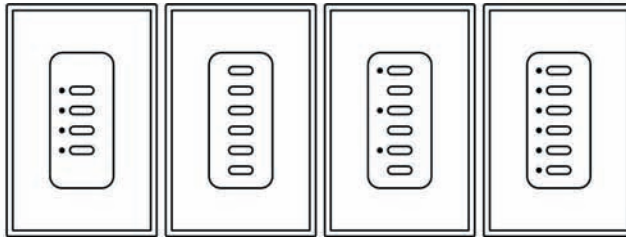
## Ultra



ULT-2B-0L ULT-2B-1L ULT-2B-2L ULT-4B-0L ULT-4B-2L



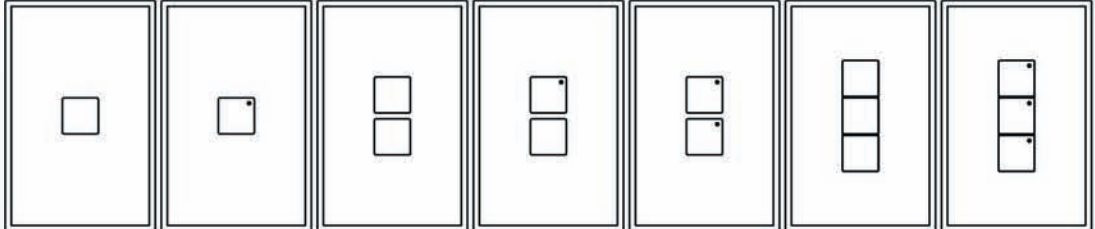
ULT-4B-4L ULT-6B-0L ULT-6B-3L ULT-6B-6L



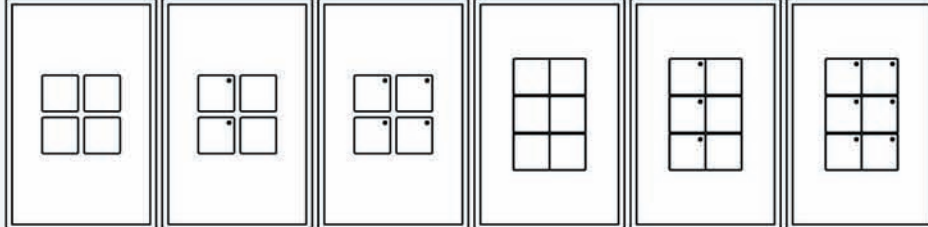
## Royal



RYL-1B-0L RYL-1B-1L RYL-2B-0L RYL-2B-1L RYL-2B-2L RYL-3B-0L RYL-3B-3L



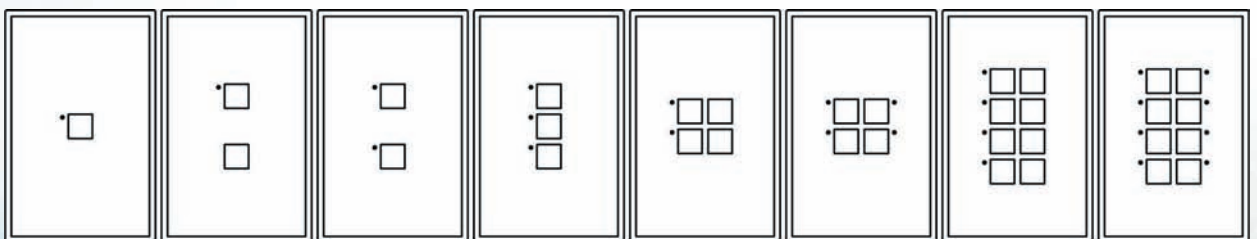
RYL-4B-0L RYL-4B-2L RYL-4B-4L RYL-6B-0L RYL-6B-3L RYL-6B-6L



## Mystique

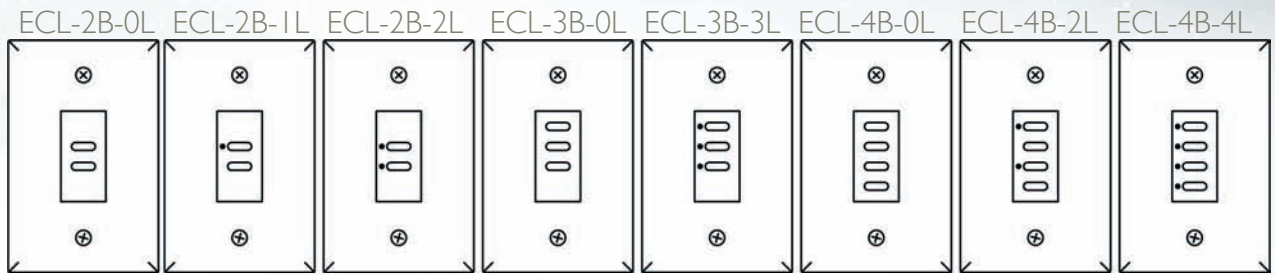


MYS-1B-1L MYS-2B-1L MYS-2B-2L MYS-3B-3L MYS-4B-2L MYS-4B-4L MYS-8B-4L MYS-8B-8L

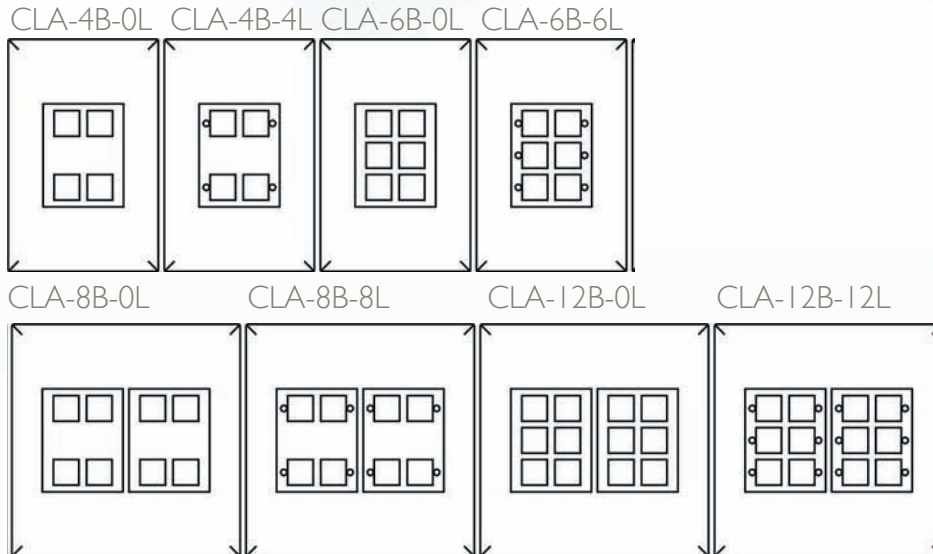


# Switch Configurations

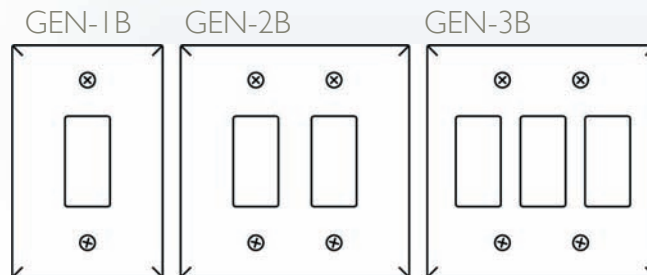
## Eclipse



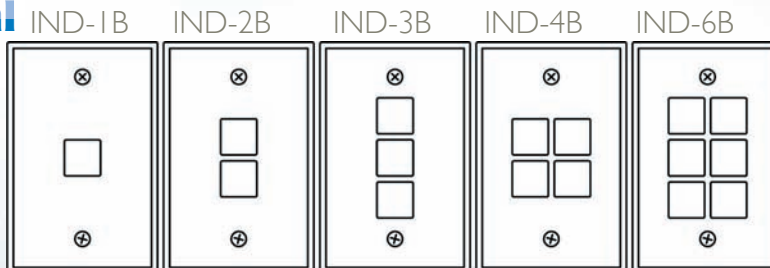
## Classic



## Genesis



## Industrial



# Relays

## Relays

Single Pole Single Throw relay alternately opens and closes in response to a momentary switch closure.

### Main Contact

#### Configuration:

Isolated SPST, Latching. Material: 0.187 Dia. Silver Alloy.

### Auxiliary Contact

#### Configuration:

SPST, Latching. Material: 0.9000 Dia. 0.0001 Gold Plates, Silver Alloy Contact.

### Coil Specifications:

#### Power requirement:

0.044 Watt-Seconds pulsed 28.5 VDC at 0.020 seconds minimum to 0.100 seconds maximum.

#### Resistance:

7.2 OHMS + 10%. Duty Cycle: 50% at 1 second maximum rate.

#### Temperature Rating:

Maximum operating temperature 65° C.

### Low Voltage Leads:

Length, 7 inches.

### Contact Rating:

120/277/347 VAC 20 AMP

1.0 HP 125 VAC

1.5 HP 250 VAC

CSA listed.

|   | Item Number | Description                         | Relay Base Dimensions            | Features  |
|---|-------------|-------------------------------------|----------------------------------|---|
|   | 2500-B      | 20 AMP Relay<br>Wire leads          | H: 1.09"<br>W: 1.98"<br>D: 1.00" | Loads connect via pigtails.<br>#12 AWG stranded pair.<br>Low voltage leads end in #20 AWG wires.  |
|   | 2500-BPL    | Pilot Light Relay<br>Wire leads     | H: 1.09"<br>W: 1.98"<br>D: 1.00" | Loads connect via pigtails.<br>#12 AWG stranded pair.<br>Low voltage leads end in #20 AWG wires.<br>Has additional contact for pilot actuation. |
|   | 4000        | 20 AMP Relay<br>Terminal block      | H: 1.65"<br>W: 1.98"<br>D: 1.00" | Loads connect into terminal block on relay.<br>Maximum wire size #10 AWG.<br>Low voltage leads end in #20 AWG wires                             |
|   | 4000-PL     | Pilot Light Relay<br>Terminal block | H: 1.65"<br>W: 1.98"<br>D: 1.00" | Loads connect into terminal block on relay.<br>Maximum wire size #10 AWG.<br>Low voltage leads end in 0.156" center female module connector.    |
|  | RBG-2872    | 20 AMP Relay<br>Wire leads          | H: 1.09"<br>W: 1.98"<br>D: 1.00" | Loads connect via pigtails.<br>#12 AWG stranded pair.<br>Low voltage leads end in #20 AWG wires.  |



# Power Supplies

| Item Number | Description  | Features   |
|-------------|--|--|
| TPS-0120    | 120V Transverter                                     | Power Requirement: 120 VAC<br>Output: 28.5 VDC at 28 ma (0.028 amp)<br>This power supply operates relays from every Touch-Plate system from 1946 to the early 1980's.  |
| TPS-2001    | Pilot Light Transformer                              | Power Requirement: 120 VAC<br>Output: 6.3 VAC at 300 ma (0.300 amp)<br>Max of 2 incandescent pilot lamps per #18 common<br>Max of 15 LED pilot lamps per #18 common  |
| TPS-2003    | Pilot Light Transformer                              | Power Requirement: 120 VAC<br>Output: 6.3 VAC at 4000 ma (4.0 amp)<br>Max of 24 incandescent pilot lamps per #18 common<br>Max of 200 LED pilot lamps per #18 common   |
| CPS-8002    | CPS-0002 & RCP-0006 Power Supply                     | Power Requirement: 120/277 VAC<br>Output: 20 VAC at 150 ma (0.150 amp)<br>6.3 VAC at 476 ma (0.476 amp)<br>Dual Primary and Dual Secondary<br>Do NOT use with 2500-B relays.   |
| CPS-8004    | CPS-0008-CPS-0040 & RCP-0012 - RCP-0042 Power Supply | Power Requirement: 120/277 VAC<br>Output: 20 VAC at 2500 ma (2.50 amp)<br>6.3 VAC at 4500 ma (4.5 amp)<br>Dual Primary and Dual Secondary<br>Used in all CPS, CPSP, DMX, and RCP pre-wired relay panels.<br>Do NOT use with 2500-B relays. |

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