SECTION I
Power Supplies, Transformers, Monitoring Devices & Accessories
Table of Contents – Power Supplies, Transformers, Monitoring Devices and Accessories

Von Duprin Power Supplies ................................. Section J
Power Supplies .................................................. I1-I6
   505 Power Supplies
   510 Power Supplies
   515 Power Supplies
Power Supply and Components Selection Chart ........ I7-I8
Power Supply Options ........................................ I9-I10
How To Select and Order ................................. I11-I12
Transformers .................................................. I13
Time Delays ................................................... I14
8200 Series Consoles ...................................... I15-I18
Accessories .................................................... I19-I22
800 Series Remote and Local Monitoring Stations ...... I23
Schlage provides modular power supplies, designed to make it easy and cost effective to power electrical locking systems. All models feature low voltage DC, regulated, and filtered power output with built in charging circuits. Each is designed to provide easy system interface with Schlage locking devices, station controls and consoles.

A NEMA grade 1 approved enclosure is universal throughout the line, measuring 12” x 12” x 4”. The 500 series provides a built in charging circuit as a standard feature. Standby battery packs are optional and can be added in the field. Additional information on standby battery power is available on page I8.

To provide the proper power supply, be sure to select sufficient output current. See the current Capacity Chart for Schlage locking devices on page I7. Select desired options outlined on pages I9 and I10, and determine standby battery power requirements shown on page I8.
The 505ULAC Series power supply is UL294 listed and provides 1 amp of Class 2 Rated power limited output at 12 and 24 VDC. Output voltage is field selectable with an onboard switch. The 505ULAC comes standard with built in charging circuit, battery monitor, AC monitor, and Emergency Interface Relay.

Standby battery kits (SBP1 or SBP2) may also be added to the 505ULAC series power supply. See page H8 for recommended battery power to meet specific job requirements.
# 505ULAC Series Power Supply

## Specifications

### Electrical

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Power</td>
<td>110 VAC 60Hz 0.5amp</td>
</tr>
<tr>
<td>Output Voltage</td>
<td>12 VDC Nominal (13.8 VDC)</td>
</tr>
<tr>
<td></td>
<td>24 VDC Nominal (27.6 VDC)</td>
</tr>
<tr>
<td></td>
<td>Field Selectable with Slider Switch</td>
</tr>
<tr>
<td></td>
<td>Filtered and Regulated</td>
</tr>
<tr>
<td>Output Current</td>
<td>1 amp @ rated voltage</td>
</tr>
<tr>
<td>Primary Fuse Size</td>
<td>800 mA, 5 x 20 mm</td>
</tr>
<tr>
<td>Battery Fuse Size</td>
<td>2 amp, resettable fuse</td>
</tr>
<tr>
<td>Secondary Protection</td>
<td>Output overload protected</td>
</tr>
<tr>
<td></td>
<td>by the regulator circuit</td>
</tr>
<tr>
<td>Charging Circuit</td>
<td>Built-in standard</td>
</tr>
<tr>
<td>Indicator for Loss of Power</td>
<td>LED indicator for AC and battery fail,</td>
</tr>
<tr>
<td></td>
<td>N.C., N.O., Common</td>
</tr>
</tbody>
</table>

### Mechanical

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enclosure</td>
<td>12” x 12” x 4 steel NEMA</td>
</tr>
<tr>
<td></td>
<td>Grade 1 with conduit knockouts</td>
</tr>
<tr>
<td></td>
<td>&amp; hinged cover with lock down screws</td>
</tr>
<tr>
<td></td>
<td>Gray/baked enamel</td>
</tr>
<tr>
<td>Color/Finish</td>
<td></td>
</tr>
<tr>
<td>Weight (Power Supply)</td>
<td>8.0 lbs.</td>
</tr>
<tr>
<td>Weight (Each battery)</td>
<td>4.0 lbs.</td>
</tr>
<tr>
<td>Input Terminals</td>
<td>Barrier strip with (3) #6 screw terminals and protective cover</td>
</tr>
<tr>
<td>Output Terminals</td>
<td>Barrier strip with (2) #6 screw terminals for DC output, and (2) #6 screw terminals for battery</td>
</tr>
<tr>
<td>EIR Output Terminals</td>
<td>Barrier strip with (7) #6 screw terminals</td>
</tr>
</tbody>
</table>

### Description of Operations

The 505ULAC power supply converts an 110 VAC/60 Hz input to a power limited DC output. Output voltage is field selectable for either 13.8 VDC or 27.6 VDC nominal. There are three indicator LED’s present on power supply to monitor the status of the unit. A red LED is illuminated when there is a DC output on the DC+ and DC- terminals. There are two green LED indicators present near the supervision terminal block. One LED indicates when a battery is connected, the other indicates the presence of A.C. line voltage. The supervision terminal block has connections for two relays each consisting of a Common, N.O., and N.C. contact. The contacts are rated 1A @ 28 VDC. There is an EIR (Emergency Interface Relay) standard to the power supply. The purpose of the EIR relay is to cut power to the fail safe locks in an emergency situation.

The 505ULAC 12/24 VDC Power Supply is intended for operation in a controlled environment.
The 510ULAC Series Power Supply offers the ultimate in versatility. Output voltage is field selectable with an on board switch: 3 amp @ 12 VDC and 2 amp @ 24 VDC. The Schlage 510ULAC is UL294 Listed for use with access control systems and provides Class 2 Rated power limited output. The 510ULAC comes standard with built-in charging circuit, battery monitor and AC monitor.

The 510ULAC Series features modular electronics which offer flexibility, ease and convenience to power electronic locking systems. Plug-in dual control modules can be added for independent control of up to four zones. Each dual control module (DCM) can provide control for two independent zones. Up to two dual control modules can fit into a control module rack (CMR). A plug-in adjustable relock time delay module (TDM) is available with a 0 to 30 second delay. It plugs into each zone of the dual control module to provide up to four TDM's in each power supply. An emergency interface relay (EIR) module plugs into the main circuit board to provide interface with approved fire or other emergency systems. A signal from the emergency systems will automatically and instantly unlock all locks connected to the power supply. In some installations, it may be required by code that the locking device (fail safe type) be immediately unlocked upon actuation of an approved fire emergency system. Whenever this installation is required use the Emergency Interface Relay (EIR) and check with the authority having jurisdiction for approval of the proposed system hookup.

Standby battery kit (SBP2) may be added to the 510ULAC Series power supply at the factory or in the field. See page I8 for recommended battery power to meet specific job requirements. A key lock cover is available as a factory installed option.

To select the proper power supply, be sure to supply sufficient current output. See the current capacity chart for Schlage locking devices on page I7. Select the options required, which are outlined on pages I9 and I10, and determine standby battery power requirements, shown on page I8.
Specifications

**ELECTRICAL**

**INPUT POWER**
110 VAC 60HZ 1.25 amp

**OUTPUT VOLTAGE**
12 VDC Nominal (13.8 VDC)
24 VDC Nominal (27.6 VDC)
Field Selectable with Slider Switch
Filtered and Regulated

**OUTPUT CURRENT**
3 amp max. @ 13.8 VDC
2 amp max. @ 27.6 VDC

**PRIMARY FUSE SIZE**
1.25 amp, 5 x 20 mm - Slow Blow

**BATTERY FUSE SIZE**
4 amp resettable fuse

**SECONDARY PROTECTION**
Output overload protected by the regulatory circuit

**CHARGING CIRCUIT**
Built-in standard

**INDICATOR FOR LOSS OF POWER**
LED indicator for AC and battery fail, N.C., Common, N.O.

* E versions available for export applications which require 220 VAC, 50 Hz input power. (not UL listed)

**MECHANICAL**

**ENCLOSURE**
12"x12"x4" steel NEMA Grade 1 with conduit knockouts and hinged cover with lock down screws

**COLOR/FINISH**
Gray/baked enamel

**WEIGHT (Power Supply)**
11 lbs.

**WEIGHT (Each battery)**
4 lbs.

**INPUT TERMINALS**
Barrier strip with (3) #6 screw terminals, protective cover

**OUTPUT TERMINALS**
Barrier strip with (10) #6 screw terminals

**DESCRIPTION OF OPERATIONS**

The 510ULAC power supply converts an 110 VAC/60 Hz input to a power limited DC output. Output voltage is field selectable for either 13.8 VDC or 27.6 VDC nominal. There are three indicator LED’s present on power supply to monitor the status of the unit. A red LED is illuminated when there is a DC output on the DC+ and DC- terminals. There are two green LED indicators present near the supervision terminal block. One LED indicates when a battery is connected, the other indicates the presence of AC line voltage. The supervision terminal block has connections for two relays each consisting of a Common, N.O., and N.C. contact.

The 510ULAC 12/24 VDC Power Supply is intended for operation in a controlled environment.
The 515 Series Power Supply provides the greatest current output in the Schlage line of power supplies. Select from 10 amp @ 12 VDC or 5 amp @ 24 VDC not field selectable. The 515 is filtered and regulated, with a built-in battery-charging circuit.

The 515 Series features modular electronics which offer flexibility, ease and convenience to power electronic locking systems. Plug-in dual control modules can be added for independent control of up to twelve (12) zones. Each dual control module (DCM) can provide control for two independent zones. Up to three dual control modules can plug into a control module rack (CMR) and up to two control module racks can fit into a 515 power supply. A plug-in adjustable relock time delay module (TDM) is available with a 0 to 30 second delay. It plugs onto each zone of the dual control module to provide up to twelve TDM’s in each power supply, and an emergency interface relay (EIR) module plugs into the main circuit board to provide interface with approved fire or other emergency systems. A signal from the emergency system will automatically and instantly unlock all locks connected to the power supply. All of the modules — DCM, CMR, TDM and EIR — can be easily installed in the factory or in the field.

Standby battery power may also be added to the 515 Series power supply at the factory or in the field. A Standby Battery Enclosure (SBE) is available which holds up to eight (8) batteries. Each standby battery kit (SBP2) contains two batteries, which provide 4 amp/hr at 24 VDC and 8 amp/hr at 12 VDC.

In some installations it may be required by code that the locking device (fail-safe type) be immediately unlocked upon actuation of an approved fire emergency system. Whenever this installation is required use the Emergency Interface Relay (EIR) and check with the authority having jurisdiction for approval of the proposed system hookup.

To select the proper power supply, be sure to supply sufficient current output. See the current capacity chart for Schlage locking devices on page I7. Select the options required, which are outlined on pages I9 and I10, and determine standby battery power requirements shown on page I8.
## 515 Series Power Supply

**Specifications**

### Electrical

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input Power</strong></td>
<td>110 VAC 60 HZ 2 amp</td>
</tr>
<tr>
<td><strong>Output Voltage</strong></td>
<td>12 VDC Nominal (13.8 VDC)</td>
</tr>
<tr>
<td></td>
<td>24 VDC Nominal (27.6 VDC)</td>
</tr>
<tr>
<td><strong>Filtered and Regulated</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Output Current</strong></td>
<td>10 amp max. @ 13.8 VDC</td>
</tr>
<tr>
<td></td>
<td>5 amp max. @ 27.6 VDC</td>
</tr>
<tr>
<td><strong>Primary Fuse Size</strong></td>
<td>6.3 amp (non-removable)</td>
</tr>
<tr>
<td><strong>Battery Fuse Size</strong></td>
<td>12 amp, 3AG</td>
</tr>
<tr>
<td><strong>Secondary Circuit</strong></td>
<td>Output overload protected by the regulator circuit</td>
</tr>
<tr>
<td><strong>Charging Circuit</strong></td>
<td>Built-in standard</td>
</tr>
</tbody>
</table>

* E versions available for export applications which require 220 VAC, 50HZ input power.

### Mechanical

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Enclosure</strong></td>
<td>12&quot;x12&quot;x4&quot; Steel NEMA Grade 1 with conduit knockouts and hinged cover with lock down screws</td>
</tr>
<tr>
<td><strong>Color/Finish</strong></td>
<td>Gray/baked enamel</td>
</tr>
<tr>
<td><strong>Weight (Power Supply)</strong></td>
<td>9 lbs.</td>
</tr>
<tr>
<td><strong>Input Terminals</strong></td>
<td>Barrier strip with (2) #6 screw terminals with protective cover (1) #10 ground screw</td>
</tr>
<tr>
<td><strong>Output Terminals</strong></td>
<td>Barrier strip with (10) #6 screw terminals (basic unit only)</td>
</tr>
</tbody>
</table>

### Description of Operations

With line power applied, a green LED on the circuit board will be illuminated. This indicates constant power on the output terminals. When batteries are included power may be present on output terminals with the green LED illuminated and no line power present. When line power is present the built-in recharging circuit will keep the batteries charged.
# 500 Series Power Supplies

## Current Capacity: Power Supply and Component Selection Chart

### MAXIMUM NUMBER OF COMPONENTS PER 12 VOLT POWER SUPPLY

<table>
<thead>
<tr>
<th>COMPONENT CODE</th>
<th>COMPONENT CURRENT DRAW @ 12 VDC</th>
<th>505ULAC POWER SUPPLY 1 amp @ 12 VDC</th>
<th>510ULAC POWER SUPPLY 3 amp @ 12 VDC</th>
<th>515 POWER SUPPLY 10 amp @ 12 VDC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electromagnetic Locks</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>.30 amps</td>
<td>2</td>
<td>9</td>
<td>28</td>
</tr>
<tr>
<td>70</td>
<td>.30 amps</td>
<td>3</td>
<td>11</td>
<td>36</td>
</tr>
<tr>
<td>101+</td>
<td>.80 amps</td>
<td>1</td>
<td>3</td>
<td>11</td>
</tr>
<tr>
<td>280+</td>
<td>.90 amps</td>
<td>1</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>320+</td>
<td>.75 amps</td>
<td>1</td>
<td>3</td>
<td>12</td>
</tr>
<tr>
<td>390G+</td>
<td>.67 amps</td>
<td>1</td>
<td>4</td>
<td>13</td>
</tr>
<tr>
<td>320M</td>
<td>.23 amps</td>
<td>3</td>
<td>11</td>
<td>39</td>
</tr>
<tr>
<td>350+</td>
<td>.75 amps</td>
<td>1</td>
<td>3</td>
<td>12</td>
</tr>
<tr>
<td>390+</td>
<td>.60 amps</td>
<td>1</td>
<td>4</td>
<td>15</td>
</tr>
<tr>
<td>390DEL</td>
<td>.80 amps</td>
<td>1</td>
<td>3</td>
<td>11</td>
</tr>
<tr>
<td>390PIR</td>
<td>.80 amps</td>
<td>1</td>
<td>3</td>
<td>11</td>
</tr>
<tr>
<td>GF3000+</td>
<td>.90 amps</td>
<td>1</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>PowerBolts</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>405/406</td>
<td>.90 amps</td>
<td>1</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>Cabinet Locks</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>442S Cabinet Lock</td>
<td>.50 amps</td>
<td>1</td>
<td>5</td>
<td>18</td>
</tr>
</tbody>
</table>

### MAXIMUM NUMBER OF COMPONENTS PER 24 VOLT POWER SUPPLY

<table>
<thead>
<tr>
<th>COMPONENT CODE</th>
<th>COMPONENT CURRENT DRAW @ 24 VDC</th>
<th>505ULAC POWER SUPPLY 1 amp @ 24 VDC</th>
<th>510ULAC POWER SUPPLY 2 amp @ 24 VDC</th>
<th>515 POWER SUPPLY 5 amp @ 24 VDC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electromagnetic Locks</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>.15 amps</td>
<td>6</td>
<td>12</td>
<td>30</td>
</tr>
<tr>
<td>70</td>
<td>.15 amps</td>
<td>7</td>
<td>15</td>
<td>37</td>
</tr>
<tr>
<td>101+</td>
<td>.50 amps</td>
<td>1</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>280+</td>
<td>.45 amps</td>
<td>2</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>320+</td>
<td>.38 amps</td>
<td>2</td>
<td>4</td>
<td>11</td>
</tr>
<tr>
<td>390G+</td>
<td>.35 amps</td>
<td>2</td>
<td>5</td>
<td>13</td>
</tr>
<tr>
<td>320M</td>
<td>.45 amps</td>
<td>2</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>350+</td>
<td>.38 amps</td>
<td>2</td>
<td>4</td>
<td>12</td>
</tr>
<tr>
<td>390+</td>
<td>.30 amps</td>
<td>3</td>
<td>6</td>
<td>15</td>
</tr>
<tr>
<td>390DEL</td>
<td>.50 amps</td>
<td>1</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>390PIR</td>
<td>.50 amps</td>
<td>1</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>GF3000+</td>
<td>.45 amps</td>
<td>2</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>PowerBolts</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>405/405S/406</td>
<td>.45 amps</td>
<td>2</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>Cabinet Locks</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>442S Cabinet Lock</td>
<td>.25 amps</td>
<td>3</td>
<td>7</td>
<td>18</td>
</tr>
</tbody>
</table>
500 Series Power Supplies

### 505ULAC POWER SUPPLY: STANDBY TIME IN HOURS

<table>
<thead>
<tr>
<th>CURRENT DRAW OF LOAD IN AMPS</th>
<th>12VDC SYSTEMS</th>
<th>24VDC SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HRS.</td>
<td>HRS.</td>
</tr>
<tr>
<td>1.0</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td>.50</td>
<td>12</td>
<td>24</td>
</tr>
<tr>
<td>.33</td>
<td>24</td>
<td>48</td>
</tr>
<tr>
<td>.22</td>
<td>36</td>
<td>72</td>
</tr>
<tr>
<td>.16</td>
<td>48</td>
<td>96</td>
</tr>
<tr>
<td>NO. OF SBP2’s REQUIRED</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>NO. OF SBE’s REQUIRED</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

### 510ULAC POWER SUPPLY: STANDBY TIME IN HOURS

<table>
<thead>
<tr>
<th>CURRENT DRAW OF LOAD IN AMPS</th>
<th>12VDC SYSTEMS</th>
<th>24VDC SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HRS</td>
<td>HRS</td>
</tr>
<tr>
<td>3.0</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>2.0</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>1.0</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td>.50</td>
<td>12</td>
<td>24</td>
</tr>
<tr>
<td>.33</td>
<td>24</td>
<td>48</td>
</tr>
<tr>
<td>.22</td>
<td>36</td>
<td>72</td>
</tr>
<tr>
<td>.16</td>
<td>48</td>
<td>96</td>
</tr>
<tr>
<td>NO. OF SBP2’s REQUIRED</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>NO. OF SBE’s REQUIRED</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

### 515 POWER SUPPLY: STANDBY TIME IN HOURS

<table>
<thead>
<tr>
<th>CURRENT DRAW OF LOAD IN AMPS</th>
<th>12VDC SYSTEMS</th>
<th>24VDC SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HRS</td>
<td>HRS</td>
</tr>
<tr>
<td>10.0</td>
<td>.20</td>
<td>.40</td>
</tr>
<tr>
<td>8.0</td>
<td>.44</td>
<td>.88</td>
</tr>
<tr>
<td>5.0</td>
<td>.84</td>
<td>1.7</td>
</tr>
<tr>
<td>4.0</td>
<td>1.2</td>
<td>2.4</td>
</tr>
<tr>
<td>2.0</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>1.0</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td>.50</td>
<td>12</td>
<td>24</td>
</tr>
<tr>
<td>NO. OF SBP2’s REQUIRED</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>NO. OF SBE’s REQUIRED</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

How to Calculate Standby Battery Power Time in Hours

1. Select Power Supply 505ULAC, 510ULAC, 515
2. Determine voltage to be used
3. Determine current draw of load in amps
4. Read across to select standby time in hours desired
5. Reference your selection by matching the amp load row to the stand by hours column
# 500 Series Power Supplies

## Power Supply Options

<table>
<thead>
<tr>
<th>Module Options</th>
<th>Description</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CMR510</strong> Control Module Rack</td>
<td>The Control Module Rack (CMR510) is required for use of Dual Control Modules (DCM) with 510ULAC power supply. The CMR510 interfaces with the main board and power assembly via a 5” long plug-in cable assembly and accepts up to two Dual Control Modules (DCM).</td>
<td>510ULAC</td>
</tr>
<tr>
<td><strong>CMR515</strong> Control Module Rack</td>
<td>The Control Module Rack (CMR515) interfaces with the main board and power assembly of the 515 power supply via a 5” inch long plug-in assembly. Up to two CMR515’s can be used. Each CMR515 supports up to three Dual Control Modules (DCM).</td>
<td>515</td>
</tr>
<tr>
<td><strong>DCM</strong> Dual Control Module</td>
<td>The Dual Control Module (DCM) is a plug-in pc card providing separate sections for control of two individual doors. Each section includes a nine (9) position screw terminal block for output power, control hookup and SPDT dry contact outputs (rated 5 amps @ 30 VDC.) Included is a plug to accept a Time Delay Module (TDM) for each section. A plug for interfacing a single card (without the CMR option) to the main board and power assembly is included.</td>
<td>510ULAC 515</td>
</tr>
<tr>
<td><strong>RCM</strong> Relay Control Module</td>
<td>The Relay Control Module (RCM) has all the features of the DCM except that, instead of providing output power and SPDT contact, it provides a DPDT dry contact for use in systems that require relay logic control.</td>
<td>510ULAC 515</td>
</tr>
<tr>
<td><strong>TDM</strong> Time Delay Module</td>
<td>The Time Delay Module (TDM) is a plug-in pc card providing an adjustable (0 –30 seconds) delay on relock. It may be added to each individual section of the DCM or RCM card.</td>
<td>510ULAC 515</td>
</tr>
<tr>
<td><strong>EIR</strong> Emergency Interface Relay Module</td>
<td>The Emergency Interface Relay Module (EIR) is a plug-in relay allowing interfacing with fire or other emergency override systems. Upon opening a closed dry contact from an override system, the EIR will cut power at designated output terminals on the power supply, and/or DCM card. The EIR also provides SPDT dry contact outputs (rated 3 amp @ 30 VDC.)</td>
<td>510ULAC 515</td>
</tr>
</tbody>
</table>
## 500 Series Power Supplies

### Power Supply Options

<table>
<thead>
<tr>
<th>Module Options</th>
<th>Description</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SBP1/SBP2</strong></td>
<td>The Standby Battery Pack (SBP1) option provides one 12 VDC, 4amps/hr battery for 12 VDC systems. The Standby Battery Pack (SBP2) options provides a pair of 12 VDC, 4amps/hr batteries for 12 VDC or 24 VDC systems (provides 24 VDC, 4amps/hr.) Additional batteries may be used to increase the amps/hr output. The cable kit (CAB) provides hardwire for the proper hookup of up to two batteries. It consists of (2) quick connect terminals and (4) one foot long leads with quick connect lugs.</td>
<td><strong>505ULAC</strong></td>
</tr>
<tr>
<td><strong>SBE</strong></td>
<td>The Standby Battery Enclosure (SBE) is a 12&quot;x12&quot;x4&quot; steel NEMA Grade 1 enclosure with conduit knockouts and hinged cover with lock down screws. It will hold up to eight SBP batteries, and provides a fused circuit board with screw type output terminals. Quick connect type terminal are provided for easy hookup of batteries for 12 VDC or 24 VDC configurations.</td>
<td><strong>505ULAC</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Factory Installed Options</th>
<th>Description</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>KLC</strong> Key Lock Cover</td>
<td>Cam lock supplied with two keys provides additional security. Includes grounding wire from cover to enclosure.</td>
<td><strong>505ULAC</strong></td>
</tr>
</tbody>
</table>
How To Select Options for 510ULAC and 515 Power Supplies

The versatile 510ULAC and 515 power supplies offer several options and accessories that can be configured at the factory or ordered as modular components and assembled by an authorized distributor. The unique Dual Control Module (DCM) system makes it more convenient than ever to power electronic locking systems.

### 510 Series Options
510 Power Supply requires a Control Module Rack (CMR510) for use with up to two DCM or RCM accessory cards

<table>
<thead>
<tr>
<th>DCM, RCM, WCM</th>
<th>AVAILABLE ZONES</th>
<th>CMR</th>
<th>TDM</th>
<th>EIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-Basic</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0 or 1</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>1</td>
<td>Up to 2</td>
<td>0 or 1</td>
</tr>
<tr>
<td>2</td>
<td>4</td>
<td>1</td>
<td>Up to 4</td>
<td>0 or 1</td>
</tr>
</tbody>
</table>

### 515 Series Options
515 Power Supply is prepped to accept (2) DCM option directly mounted to the box, or up to (2) CMR options (which holds up to (3) DCM, RCM or WCM options each in any combination)

<table>
<thead>
<tr>
<th>DCM, RCM, WCM</th>
<th>AVAILABLE ZONES</th>
<th>CMR</th>
<th>TDM</th>
<th>EIR</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-Basic</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0 or 1</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>0 to 1</td>
<td>Up to 2</td>
<td>0 or 1</td>
</tr>
<tr>
<td>2</td>
<td>4</td>
<td>0 or 1</td>
<td>Up to 4</td>
<td>0 or 1</td>
</tr>
<tr>
<td>3</td>
<td>6</td>
<td>1</td>
<td>Up to 6</td>
<td>0 or 1</td>
</tr>
<tr>
<td>4</td>
<td>8</td>
<td>1 or 2</td>
<td>Up to 8</td>
<td>0 or 1</td>
</tr>
<tr>
<td>5</td>
<td>10</td>
<td>2</td>
<td>Up to 10</td>
<td>0 or 1</td>
</tr>
<tr>
<td>6</td>
<td>12</td>
<td>2</td>
<td>Up to 12</td>
<td>0 or 1</td>
</tr>
</tbody>
</table>
500 Series Power Supplies

505 Series Power Supply

1. Select Power Supply
   505ULAC  12/24 VDC Field Selectable (shipped 12V unless specified) 1 amp @ 12 VDC / 1 amp @ 24 VDC
   Emergency Interface Relay Module

2. Select Options
   KLC  Keylock Cover

3. Select Accessories
   CAB  Cable kit for batteries
   SBP1  Standby Battery Pack 12 VDC with Cable Kit (4 amp/hr)
   SBP2  Standby Battery Pack 12/24 VDC with Cable Kit (4 amp/hr)

515 Series Power Supply

1. Select Power Supply
   515-12  10 amp @ 12 VDC
   515-24  5 amp @ 24 VDC

2. Select Options
   DCM  Dual Control Module (up to 6 DCM to Control stations - add number required after option i.e. DCM6.)
   RCM  Relay Control Module (up to 6 RCM to control 12 stations – add number required after option i.e. RCM 6.)
   TDM  Adjustable Time Delay Module (up to 12 must plug into DCM or RCM – add number required after option i.e. TDM12.)
   CMR515  Control Module Rack (use 1 CMR for 2 or 3 DCM or RCM, 2 CMR for 4 to 6 DCM or RCM – add number required after option i.e. CMR2.)
   EIR  Emergency Interface Relay Module
   KLC  Keylock Cover
   WCM  Wiegand Control Module

3. Select Accessories
   SBP2  Standby Battery Pack – 2 batteries
   SBE  Required standby Battery Pack Enclosure (use when more than 4 batteries required)

Ordering Information
Example of fully equipped factory configured 515 Power Supply: 1 each 515-24 – DCM6 – CMR2 – TDM12 – EIR – KLC, 1 each SBE – KLC, 4 each SBP2
Transformers

Hardwired Transformers

592-12
Hardwired
Input: 120 VAC, 60 Hz
Output: 12 VAC @ 2.8 A
Height: 3.0156"
Length: 2.5"
Width: 2.0625"

592-24
Hardwired
Input: 120 VAC, 60 Hz
Output: 24 VAC @ 2.8 A
Height: 3.0156"
Length: 2.5"
Width: 2.0625"

592-12RC
Hardwired
Input: 120 VAC, 60Hz
Output: 12 VDC @ 2.8 A
Height: 2 5/8"
Length: 4"
Width: 2 1/4"

592-24RC
Hardwired
Input: 120 VAC, 60 Hz
Output: 24 VDC @ 2.8 A
Height: 2 5/8"
Length: 4"
Width: 2 1/4"

592-24-3A
Hardwired
Input: 120 VAC, 60 Hz
Output: 24 VAC @ 3.2 A
Height: 3.0156"
Length: 2.5"
Width: 2.0625"

Plug-in Transformers

593PI-24
Plug-in Transformer
Input: 120 VAC, 60 Hz,
Output: 24 VAC @ 1 A

593PI-12
Plug-in Transformer
Input: 120 VAC, 60Hz, 0.22 A
Output: 12 VAC @ 1 A
Height: 1.96"
Length: 2.20"
Width: 1.88"

593PI-12DC
Plug-in Transformer
Input: 120 VAC, 60Hz
Output: 12VDC @ 1A
Height: 3.21"
Length: 2.31"

593PI-24DC
Plug-in Transformer
Input: 120 VAC, 60Hz
Output: 24 VDC @ .50 A
Height: 3-1/32"
Length: 2-7/32"
Width: 1-15/16"
6000 Series Timers

The 6200 Series provides a 24 hour digital seven day multiple event timer. It features 12 to 24 volt AC or DC operation with on board battery backup provision.

Applications
Automatic arming/disarming of security systems, locking/unlocking doors, ringing school bells, automatic test signal for alarm transmitters, etc.

Specifications:
- 12/24 VAC/VDC operation
- Standby current: 10mA (relay off) 50mA (relay on)
- Battery charging current: 100mA
- Form “C” relay contacts are rated 10amp @ 120 VAC/28VDC
- Momentary and/or Latching Events
- 50 individually programmed daily/weekly events
- Block programming capacity can accommodate a total of 350 events per week
- 10 programmable holiday dates
- Built-in charger for 12 VDC sealed lead acid or gel type batteries (Max charge current 100 mA)
- Dimensions: 5.25”W x 3”L x 1”D

The 6060-24 multi-purpose timer is suitable for many functions that require a timer operation e.g. access control applications. One of the many features includes momentary relay activation at the end of a desired timing cycle. This feature eliminates the need to use two (2) timers to achieve this function. The 6060-24 Multi-purpose timer will cancel (interrupt) timing cycle and reset timer if desired.

Specifications:
- 12/24 VDC operation is selectable
- Quick time range adjustment from 1 sec. to 60 min.
- LED indicates relay is energized
- Form “C” relay contacts are rated 8 amps at 120 VAC/28 VDC
- Current Draw: Stand by 3 mA, Relay Energized 40 mA
- Dimensions: 3”L x 2.5”W x .75”H
Schlage 8200 Series desk consoles provide door control and monitoring for up to eight zones. Designed to meet a wide range of security requirements, the 8200 Series can control and monitor electric strikes, electromagnetic locks, electromechanical exit devices or other electric locks. The console can also be used for surveillance of monitoring devices.

The circuit boards inside the console are shipped for four or eight zone applications. This design allows for momentary or maintained switch operation, and uses blank plates to fill unused zone positions. Replacing blank plates with switches allows for easy field expandability. Pushbuttons control and monitor assigned zones, and a signaling horn provides an audible alert of any condition change that is associated with the red indicator lamp. Console control can be disabled with the security keyswitch.

Benefits of Using 8200 Series Consoles
- Slope front design, with anodized face plate and durable housing
- Each station provides maintained or momentary SPDT pushbutton switch
- Red and green indicator lamps
- Security keyswitch
- Signaling Horn
- Alarm reset button
- Field installable pushbuttons for easy expandability of 2-4 zones or 5-8 zones
- 24 VDC operation
8200 Series Consoles

Features

Keyswitch
The convenient keyswitch allows the operator to unlock the console for control and monitoring operation. Console can be turned off or locked during nonsupervised times, indicator lamps will continue to monitor zone status, but with no audible signal.

Indicator Lamps
Red and green indicator lamps are used to monitor zone conditions.

Pushbuttons
Pushbuttons are available for maintained or momentary operation.

Maintained pushbutton requires the operator to press to unlock and to press a second time to relock.

Momentary pushbutton requires the operator to hold button during the unlocked period. Relocking will occur when the button is released.

Each zone pushbutton is a SPDT normally open/normally closed switch to provide maximum flexibility to control either fail safe or fail secure products. Blank button inserts are furnished when all four and eight zones are not used. Replacement pushbuttons are designed for easy field installation.

Alarm Reset Button
The alarm reset button (momentary pushbutton) is used to silence the internal horn. The horn is triggered when the red indicator lamp is illuminated, signaling an alarm condition.

Horn
Horn notifies the operator of an open door or other alarm condition. A red light is displayed on the console as the audible signal is sounded. The operator manually resets the signal.

Housing
The housing is a rugged, off-white color, molded polymer, with a heavy gauge aluminum faceplate. The faceplate has a durable black anodized finish.

Electronic Circuit Board
Circuit boards are shipped for four or eight zone applications. When all zones are not originally used and button blanks are inserted, additional pushbuttons can be added. Blank inserts can be removed for easy field installation.
System Design Guide

There are a number of applications where an 8200 Series Console is used to monitor and control multiple door openings. It is ideal for use at a guard or nurse station. (An example of a riser diagram for a two door nurse’s station console is shown below.)

Description of System Operation

Two single doors, each normally closed and secured by a magnetic lock. Magnetic lock to include Magnetic Bond Sensor (MBS) for remote monitoring of secure/not-secure condition. Legal access to be provided by keypad system. Egress to be provided by touch sensitive exit bars.

Remote control and monitoring to be by a slope front desktop console. Each of two stations shall provide a momentary pushbutton switch for legal release, a red indicator for “not-secure” condition and a green indicator for “secure” condition.
# 8200 Series Consoles

## How To Order 8200 Series Consoles

<table>
<thead>
<tr>
<th>8204 – M M A A – M S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select Model</td>
</tr>
<tr>
<td>Select Pushbutton Function</td>
</tr>
<tr>
<td>Select Accessories</td>
</tr>
</tbody>
</table>

### 1. Select Model

Last Digit Indicates Number of Zones

**2-4 Station Console**

- **8202**
- **8203**
- **8204**

**5-8 Station Console**

- **8205**
- **8206**
- **8207**
- **8208**

### 2. Select Pushbutton Function

Select pushbutton function by zone.

Select **M** (momentary) or **A** (alternate action, maintain) for each zone

<table>
<thead>
<tr>
<th>Zone</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>8202</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8203</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8204</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8205</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8206</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8207</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8208</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 3. Select Accessory

Field installable pushbutton to upgrade from 2-4 zones or 5-8 zones

- **8200MS** Momentary Switch Assembly
- **8200AS** Alternate Action (Maintained) Switch Assembly

## Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switches</td>
<td>1.0 amps @ 24 VDC</td>
</tr>
<tr>
<td>(momentary or maintained)</td>
<td>.04 amps @ 24 VDC</td>
</tr>
<tr>
<td>Lamps #85 Red/Green</td>
<td>18/22 gauge wire recommended</td>
</tr>
<tr>
<td>Terminal Block</td>
<td>Alarm output 0.5 amp @ 24 VDC (breaker protected)</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>32° to 120°F (0° to 49°C)</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>24 VDC, ±15%</td>
</tr>
</tbody>
</table>
Accessories
Exit Sensors

Scan II™

Features
- The Scan II™ is a Passive Infrared Detector specifically designed for "request to exit" applications. It has an adjustable relay latch time, is internally pointable, and provides two Form “C” sets of relay contacts.
- Enclosure design consists of a three piece, high impact ABS plastic enclosure with fresnel lens. Available in white or black.
- Coverage area is up to 8 by 10 feet (2.4m by 3m). Coverage is dependent upon mounting height and pattern angle.
- Pattern Pointability is ± 14° @ vertical.
- Surface mounting height range is from 7 to 15 feet (2.1m to 4.5m).
- Output – Two Form “C” relay contacts rated 1A @ 30 VDC for DC resistive loads.
- Relay Latch Time is adjustable up to 60 seconds.
- The relay mode can be programmed by the installer to reset when the timer expires or to remain activated until motion stops. The fail safe/fail secure mode can also be selected.
- Unit features an externally visible activation LED.

Specifications
- 12/24 VDC, 26 mA @ 12 VDC or 24 VDC
- Output Two Form “C” relay contacts rated 1A @ 30 VDC for DC resistive loads
- Operating Temperature -20°F to 120°F (-29°C to 49°C)
- Size 1-1/2” (38mm) H x 6-1/4” (159mm) W x 1-1/2” (38mm) D
- UL Listed

Specifications
- 12/24 VDC, 26 mA @ 12 VDC or 24 VDC
- Output Two Form “C” relay contacts rated 1A @ 30 VDC for DC resistive loads
- Operating Temperature -20°F to 120°F (-29°C to 49°C)
- Size 1-1/2” (38mm) H x 6-1/4” (159mm) W x 1-1/2” (38mm) D
- UL Listed
Accessories
Electronic Horns and Door Position Switches

Electronic Horns

Features
- Electric horns are designed for use as an immediate local audible warning device incorporated in a security system. 1910 Selica Horns have eight combinations of volume, tone, and code that are easily user configurable. Strobe and latching combinations are also available.
- Units are flush and surface mountable using a standard one or two gang electrical box. Surface and flush mounting kits are included with all horns.
- All horns are off white in color and come with a skirt for a clean finish.
- Designed for indoor use only.
- Available in four models:
  - 1910-1 Horn 12/24 VDC
  - 1910S-1 Horn with Strobe 24 VDC
  - L1910-1 Horn with Latching 24 VDC
  - L1910S-1 Horn with Strobe and Latching 24 VDC

Specifications
- Current Draw:
  - Less than 14 mA @ 12 V
  - Less than 28 mA @ 24 V
  - Less than 71 mA @ 24 V, with strobe
- Operating Temperature:
  - 32ºF to 120ºF
- Anechoic Room @30 V 102 dba
- UL Reverberant Room @30 V 88 dba

Door Position Switches

Door position switches come in a variety of shapes and sizes and are designed for monitoring a wide range of applications, including door positions, roof hatches, gates etc.

Concealed SPDT Magnetic Switches
- For Wood Doors and Frames
  - 0.3 Amps @ 30 VDC
- 679-05

For Hollow Metal Doors and Frames
- 0.3 Amps @ 30 VDC
- 679-05 HM

For Wood Doors and Metal Frames
- 0.3 Amps @ 30 VDC
- 679-05 WD

Mortise Mount Mechanical SPDT Ball Switch
- 0.5 Amps @ 28 VDC
- 7803

Concealed/Flush Mount
- For aluminum, wood and hollow metal doors
- 0.25 Amps @ 30 VDC
- 7764

Surface Mount
- For aluminum, wood and hollow metal doors
- 0.25 Amps @ 30 VDC
- 7766
Accessories
Armored Door Cords with Caps

For simple surface mount power transfer requirements.
5/16" interior diameter; 3/8" outside diameter flexible door cord

Acceptable Wire Size Combinations
- Five 18 gauge
- Two 18 gauge and four 20 gauge
- Two 18 gauge and seven 22 gauge
- Seven 20 gauge
- Twelve 22 gauge

Model   Description
788-12  12" x 3/8" less wires (inswinging)
788C-12 12" x 3/8" with 20' 4-Conductor wire
788-18  18" x 3/8" less wires (outswinging)
788C-18 18" x 3/8" with 20' 4-Conductor wire

3/8" interior diameter; 1/2; outside diameter flexible door cord

Acceptable Wire Size Combinations

Model   Description
798-12  12" x 1/2" less wires (inswinging)
798C-12 12" x 1/2" with 20' 4-Conductor wire, 20 gauge wire
798-18  18" x 1/2" less wires (outswinging)
798C-18 18" x 1/2" with 26' 4-Conductor wire, 20 gauge wire
Accessories

How To Order Exit Sensors

1. Select Model
   - Scan II – B  Black
   - Scan II – W  White

How To Order Electronic Horns

1. Select Model
   - 1910-1  12/24 VDC Horn
   - 1910S-1  24 VDC Horn with Strobe
   - L1910-1  24 VDC Horn with Latching
   - L1910S-1  24 VDC Horn with Strobe and Latching

How To Order Door Switch Position

1. Select Model
   - 674-0H  Overhead Door Floor Mount
   - 679-05  Wood Door and Frame
   - 679-05HM  Hollow Metal Door and Frame
   - 679-05WD  Wood Door and Metal Frame
   - 7764  Concealed/Flush Mount
   - 7766  Surface Mount
   - 7803  Mortise Mount, Mechanical SPDT Ball Switch

2. Select Contact
   - DP  DPDT Contact Arrangement 7803 only
800 Series Remote and Local Monitoring Stations

804 Remote Monitoring Station
The 804 remote monitoring station can be used for up to four zones, providing remote monitoring of delay status and activation. Interfaces with electromagnetic locks with magnetic bond sensor (MBS) option. The unit includes: alarm annunciator, a mute button and a tri-color LED indicator for each of the four stations.

The assembly will fit a standard double gang electrical box and is supplied with a double gang steel switch box, five (5) plug-in interconnection cable assemblies and a box mountable 120 VAC power transformer.

804 Specifications:
- **Double Gang Unit**
  - Operating Power: 24 VAC (transformer included)
  - Decibel Rating: 80 dB @ 2 ft.
  - Length: 4 7/16"
  - Width: 3/4"
  - Height: 4 1/2"
  - Finish: Stainless Steel

800 Series Local Monitoring Station
The 800 Series local monitoring stations can provide remote monitoring for a single zone with up to 3 LED indicators.

880L1 One (1) LED indicator – red, green and amber
800L2 Two (2) LED indicators – red, green and amber
800L3 Three (3) LED indicators – red, green and amber
800A Audible sounder

800 Specifications:
- **Single Gang Unit**
  - Operating Power: 12/24 VDC
  - LED Operating Power: 6-28 VDC
  - LED Current Draw: 30 mA ea.
  - Audible Input: 10-28 VDC
  - Audible Current Draw: 3-14 mA
  - Decibel Rating: 80 dB @ 2 ft.
  - Length: 2 3/4"
  - Width: 1 1/2"
  - Height: 4 1/2"
  - Finish: Stainless Steel

801 Series Local & Remote Monitoring Stations
The 801-TE fulfills a code requirement stating that a local signal assures users that a delayed egress system is functional. The unit includes an audible and visual indication of lock status and delay activation. Provides an iButton reader for legal release and reset of the system by using an iButton. Interfaces with electromagnetic locks with magnetic bond sensor (MBS) option. Unit mounts in a standard double gang electrical box.

The 801-KS fulfills a code requirement stating that a local signal assures users that a delayed egress system is functional. The unit includes an audible and visual indication of lock status and delay activation. Provides a SPDT momentary x SPDT maintained contact arrangement keyswitch for legal release and reset of the system, which interfaces with a standard 1 1/4" mortise cylinder with standard straight cam. Interfaces with electromagnetic locks with magnetic bond sensor (MBS) option. Unit mounts in a standard double gang electrical box.

The 801 unit includes an audible and visual indication of lock status and delay activation. Interfaces with electromagnetic locks with magnetic bond sensor (MBS) option. Unit mounts in a standard single gang electrical box.

801 Specifications:
- **Double Gang Unit**
  - Operating Power: 12/24 VDC
  - LED Operation Power: 6-28 VDC
  - LED Current Draw: 30 mA ea.
  - Audible Input: 10-28 VDC
  - Audible Current Draw: 3-14 mA
  - Decibel Rating: 80 dB @ 2 ft.
  - Length: 4 7/16"
  - Width: 1 1/2"
  - Height: 4 1/2"
  - Finish: Stainless Steel

8001 Series Local Monitoring Stations
The 8001 Series local monitoring stations can provide remote monitoring for a single zone with up to 3 LED indicators.

8801L1 One (1) LED indicator – red, green and amber
8001L2 Two (2) LED indicators – red, green and amber
8001L3 Three (3) LED indicators – red, green and amber
8001A Audible sounder

8001 Specifications:
- **Double Gang Unit**
  - Operating Power: 24 VAC (transformer included)
  - Decibel Rating: 80 dB @ 2 ft.
  - Length: 4 7/16"
  - Width: 3/4"
  - Height: 4 1/2"
  - Finish: Stainless Steel

8001 Series Remote Monitoring Stations
The 8001 Series remote monitoring stations can be used for up to four zones, providing remote monitoring of delay status and activation. Interfaces with electromagnetic locks with magnetic bond sensor (MBS) option. The unit includes: alarm annunciator, a mute button and a tri-color LED indicator for each of the four stations.

The assembly will fit a standard double gang electrical box and is supplied with a double gang steel switch box, five (5) plug-in interconnection cable assemblies and a box mountable 120 VAC power transformer.

8001 Specifications:
- **Double Gang Unit**
  - Operating Power: 24 VAC (transformer included)
  - Decibel Rating: 80 dB @ 2 ft.
  - Length: 4 7/16"
  - Width: 3/4"
  - Height: 4 1/2"
  - Finish: Stainless Steel