

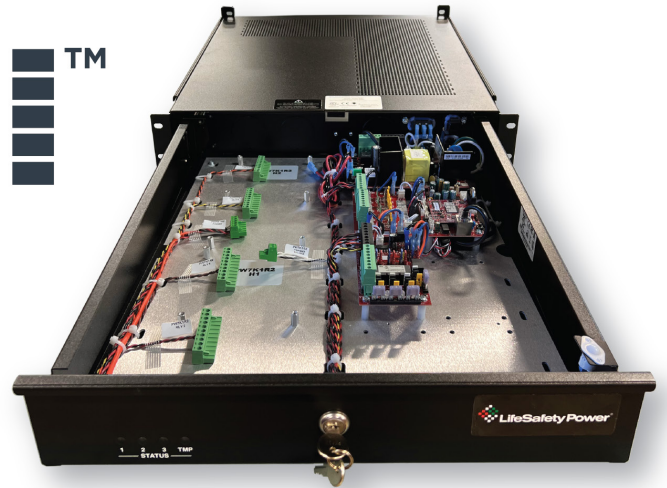
LifeSafety Power®

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**2024**

**RACKMOUNT PRODUCTS**

**GEMINI**  **TM**  
unified rackmount power solutions



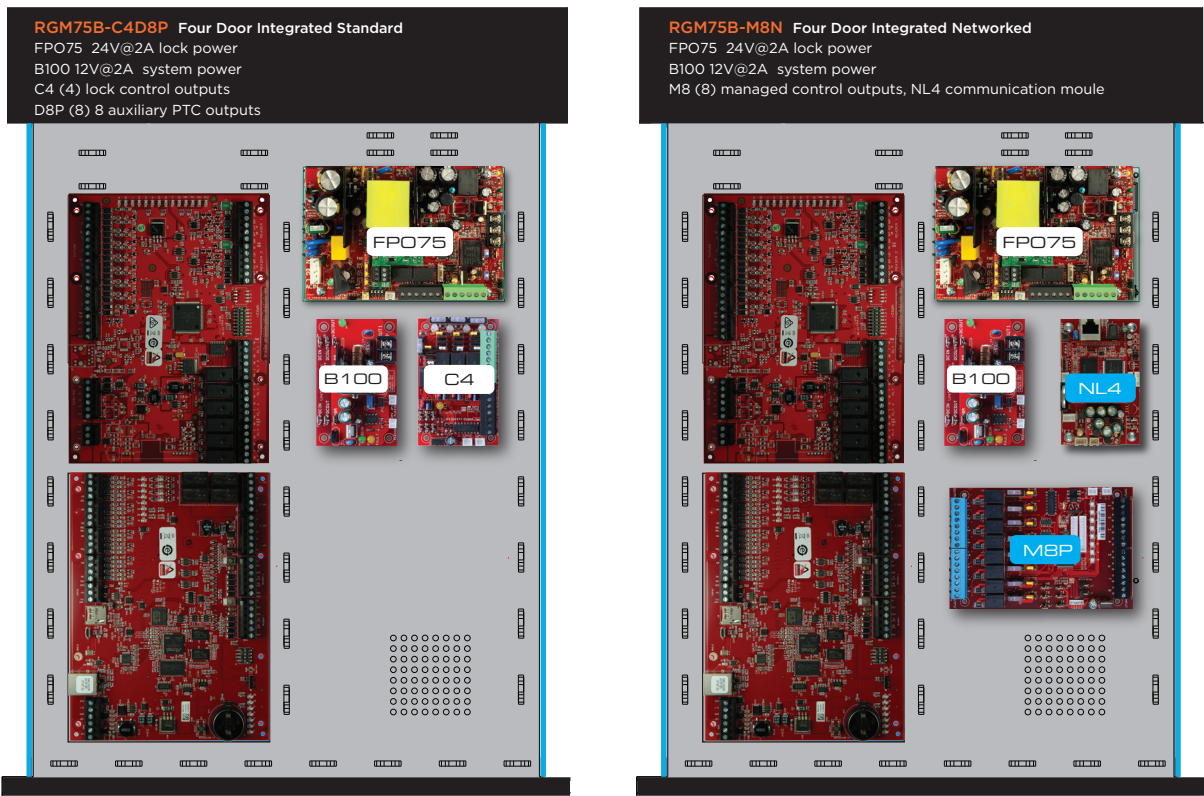


### RGM75 | 75W Four Door Mercury

| Dual V   | 12VDC           | 24VDC | STANDARD PN   | OUTPUTS        | MANAGED PM     | OUTPUTS           | POWER and PANEL MOUNTING            |
|----------|-----------------|-------|---------------|----------------|----------------|-------------------|-------------------------------------|
| 4DR      | 2A              | 2A    | RGM75B-C4D8PZ | 4 lock / 8 aux | RGM75B-M8PNZ   | 8 managed         | System and lock power / two Mercury |
| 4DR      | 2A              | 2A    | RGM75B-C8PZ   | 8 lock         | RGM75B-D8PM8NZ | 8 aux / 8 managed | System and lock power/ two Mercury  |
| Single V |                 |       |               |                |                |                   |                                     |
| 4DR      | 12V/6A (24V/3A) |       | RGM75-D8PZ    | 8 aux          | RGM75-M8PNZ    | 8 managed         | System power / two Mercury          |
| 4DR      | 12V/6A (24V/3A) |       | RGM75-C8PZ    | 8 lock         | RGM75-D8PM8NZ  | 8 aux / 8 managed | System power / two Mercury          |

*System part number can be modified to change output protection Fused outputs = C4, C8, D8, M8 | Class II power limited outputs = C4P, C8P, D8P, M8P*

### Rack Drawer Top Down View



Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.



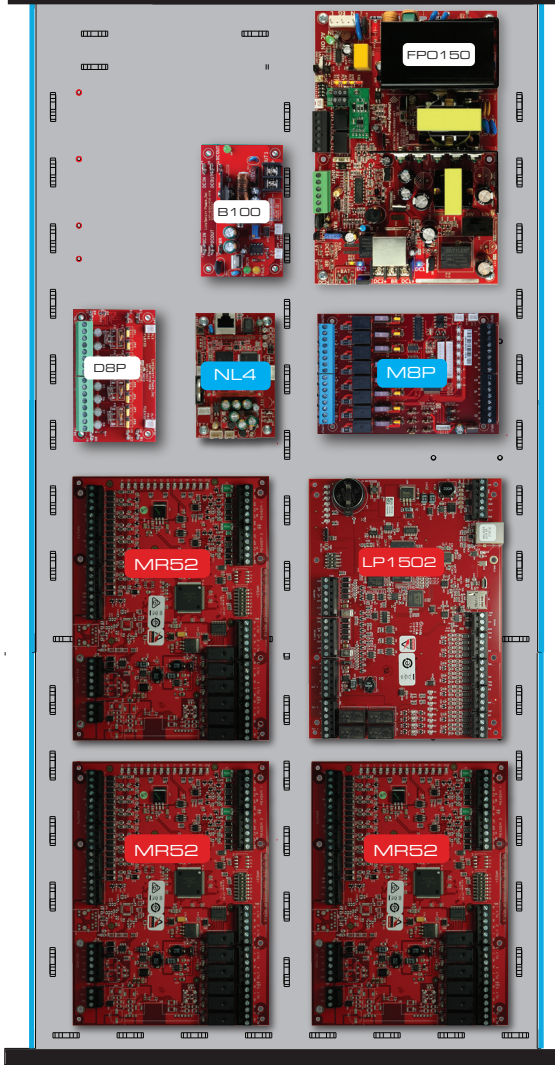
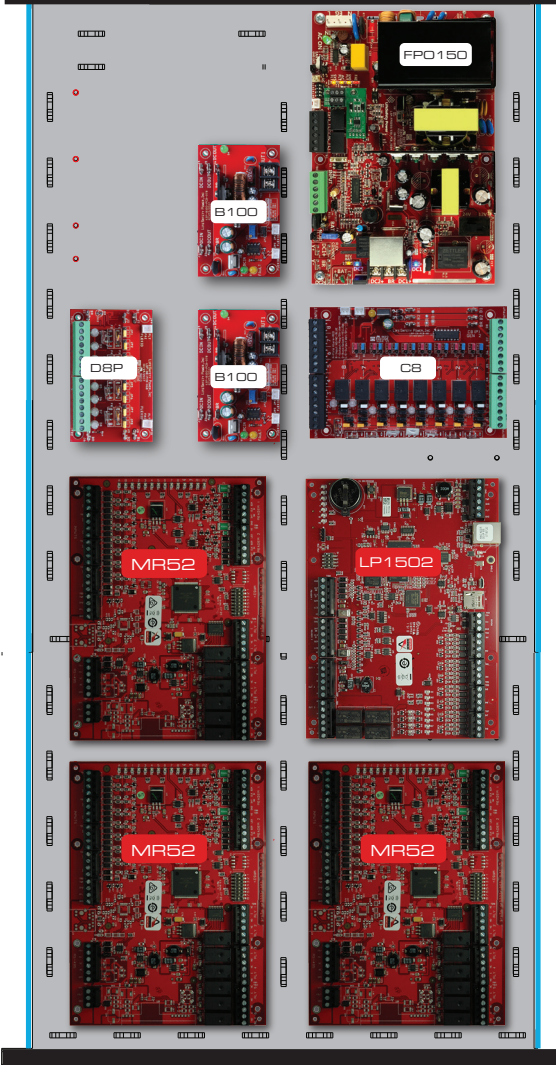
## RGXM150 | 150W Eight Door Mercury

| Dual V   | 12VDC | 24VDC            | STANDARD PN    | OUTPUTS        | MANAGED PM      | OUTPUTS           | POWER and PANEL MOUNTING             |
|----------|-------|------------------|----------------|----------------|-----------------|-------------------|--------------------------------------|
| 8DR      | 4A    | 4A               | RGXM150B-C8P   | 8 lock         | RGXM150B-M8PN   | 8 managed         | System and lock power / four Mercury |
| 8DR      | 4A    | 4A               | RGXM150B-C8D8P | 8 lock / 8 aux | RGXM150B-D8PM8N | 8 managed / 8 aux | System and lock power / four Mercury |
| Single V |       |                  |                |                |                 |                   |                                      |
| 8DR      |       | 12V/12A (24V/6A) | RGXM150-D8P    | 8 aux          | RGXM150-M8PN    | 8 managed         | System power / four Mercury          |
| 8DR      |       | 12V/12A (24V/6A) | RGXM150-2D8P   | 16 aux         | RGXM150-D8PM8N  | 8 managed / 8 aux | System power / four Mercury          |

System part number can be modified to change output protection Fused outputs = C8, M8 | Class II power limited outputs = C8P, M8P

**RGXM150B-C8D8P** Eight Door Dual Voltage  
 FPO150 24V@4A lock power  
 B100 12V@4A system power  
 D8P (8) auxiliary outputs  
 C8 (8) lock control outputs

**RGXM150B-D8PM8N** Eight Door Managed Dual Voltage  
 FPO150 24V@4A lock power  
 B100 12V@4A system power  
 D8P (8) auxiliary outputs  
 M8 (8) managed control outputs



Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.



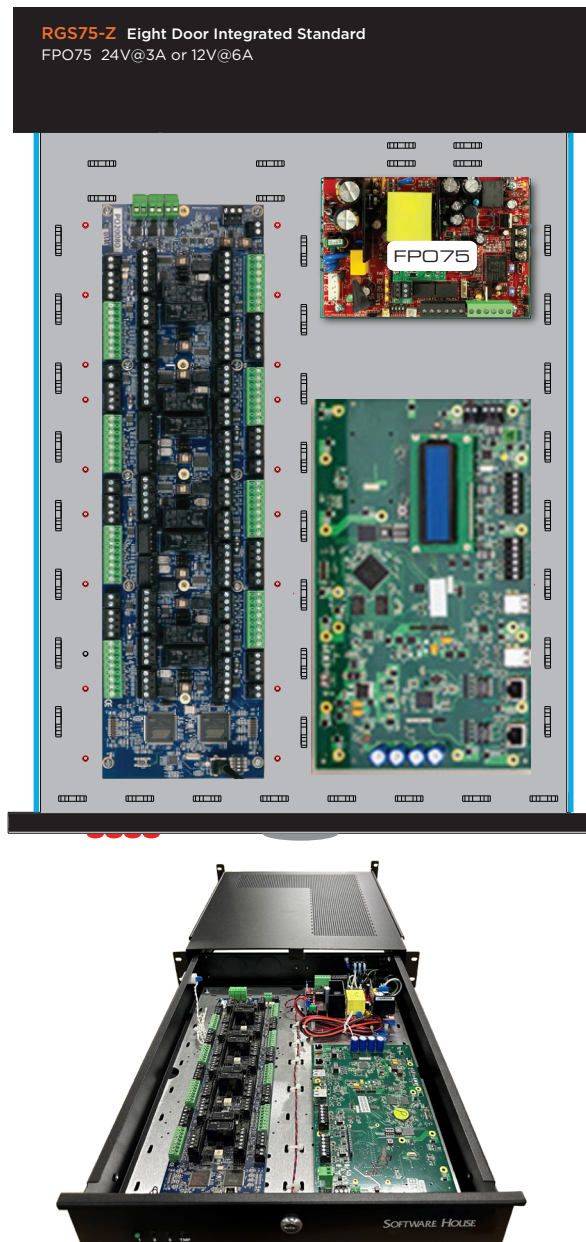


## RGS75 | 75W Eight Door Software House

| Single V | 12VDC           | 24VDC | STANDARD PN | Z Bracket |
|----------|-----------------|-------|-------------|-----------|
| 8DR      | 12V/6A (24V/3A) |       | RGS75-Z     | Light     |
| 8DR      | 12V/6A (24V/3A) |       | RGM75-Z1    | Heavy     |

*Fits GCM and ACM only*

### Rack Drawer Top Down View



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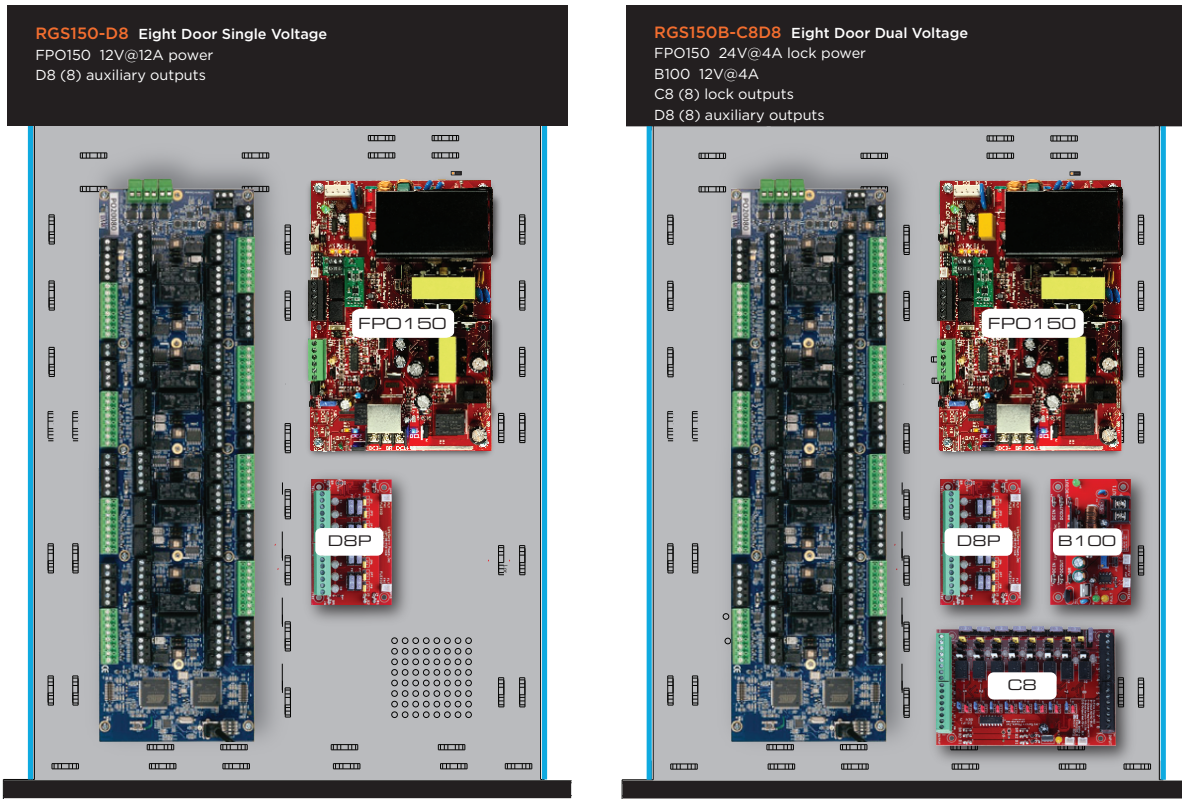


## RGS150 | 150W Eight Door Software House

| Dual V   | 12VDC            | 24VDC | STANDARD PN   | OUTPUTS        | MANAGED PM     | OUTPUTS           | POWER and PANEL MOUNTING        |
|----------|------------------|-------|---------------|----------------|----------------|-------------------|---------------------------------|
| 8DR      | 4A               | 4A    | RGS150B-D8Z   | 8 aux          | RGS150B-M8NZ   | 8 managed         | System and lock power / one ACM |
| 8DR      | 4A               | 4A    | RGS150B-C8D8Z | 8 lock / 8 aux | RGS150B-D8M8NZ | 8 aux / 8 managed | System and lock power/ one ACM  |
| Single V |                  |       |               |                |                |                   |                                 |
| 8DR      | 12V/12A (24V/6A) |       | RGS150-D8Z    | 8 aux          | RGS150-M8NZ    | 8 managed         | System power / one ACM          |
| 8DR      | 12V/12A (24V/6A) |       | RGS150-C8Z    | 8 lock         | RGS150-D8M8NZ  | 8 aux / 8 managed | System power / one ACM          |

*System part number can be modified to change output protection Fused outputs = C4, C8, D8, M8 | Class II power limited outputs = C4P, C8P, D8P, M8P*

### Rack Drawer Top Down View



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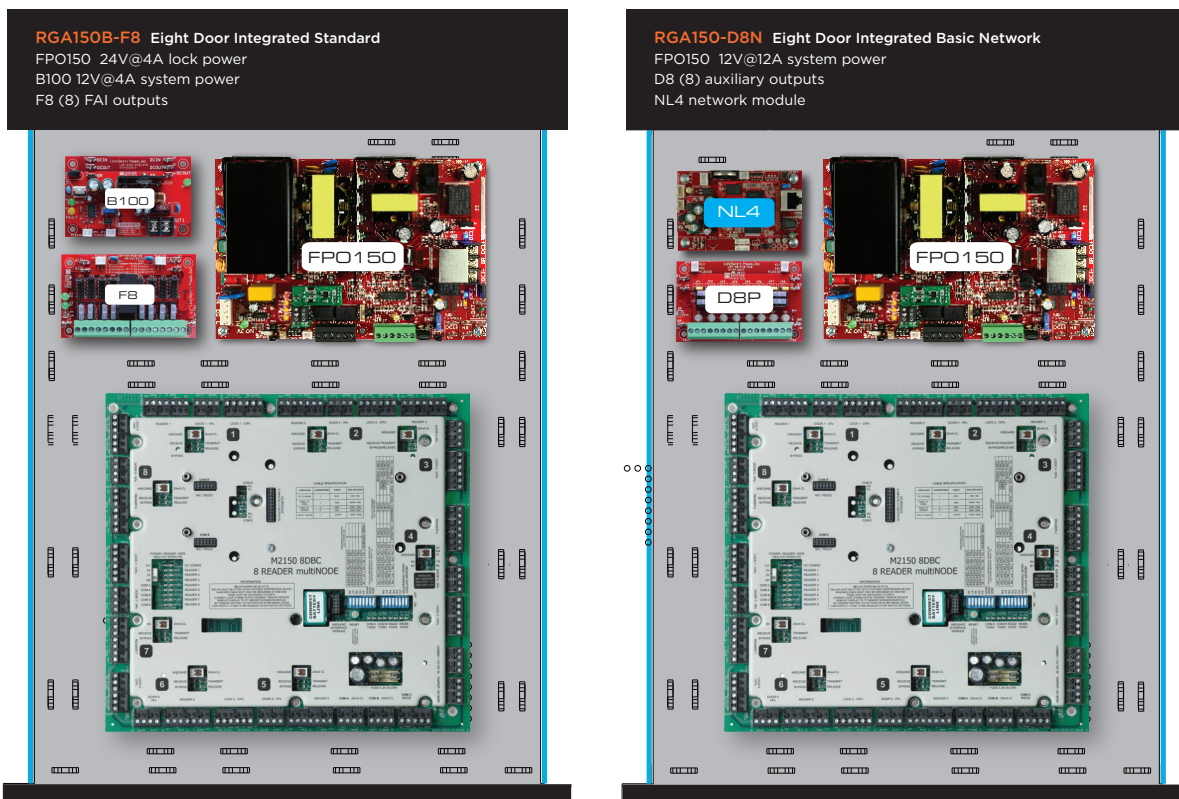
### RGA150 | 150W Eight Door AMAG

| Dual V   | 12VDC            | 24VDC | STANDARD PN | OUTPUTS | MANAGED PM  | OUTPUTS | POWER and PANEL MOUNTING                     |
|----------|------------------|-------|-------------|---------|-------------|---------|--|
| 8DR      | 4A               | 4A    | RGA150B-D8Z | 8 aux   | RGA150B-NZ  | 2       | System and lock power / one 8DBC / two M4000 |
| 8DR      | 4A               | 4A    | RGA150B-F8Z | 8 FAI   |             |         | System and lock power / one 8DBC / two M4000 |
| Single V |                  |       |             |         |             |         |  |
| 8DR      | 12V/12A (24V/6A) |       | RGA150-D8Z  | 8 aux   | RGA150-D8NZ | 8 aux   | System power / one 8DBC / two M4000          |
| 8DR      | 12V/12A (24V/6A) |       | RGA150-C8Z  | 8 lock  | RGA150-F8NZ | 8 FAI   | System power / one 8DBC / two M4000          |

D8, F8 are fused outputs. For class II outputs, add "P", i.e. D8P, F8P

RGA managed configurations does not have managed (M8) outputs due to drawer space limits

### Rack Drawer Top Down View



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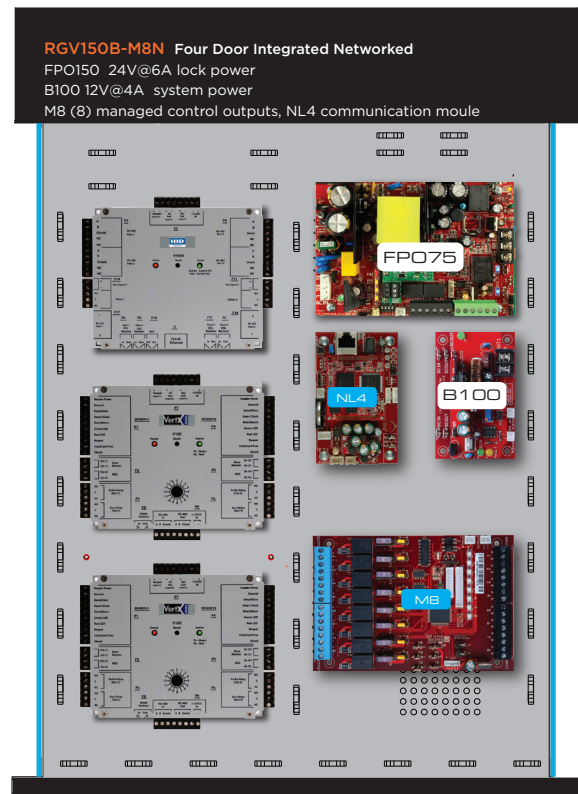
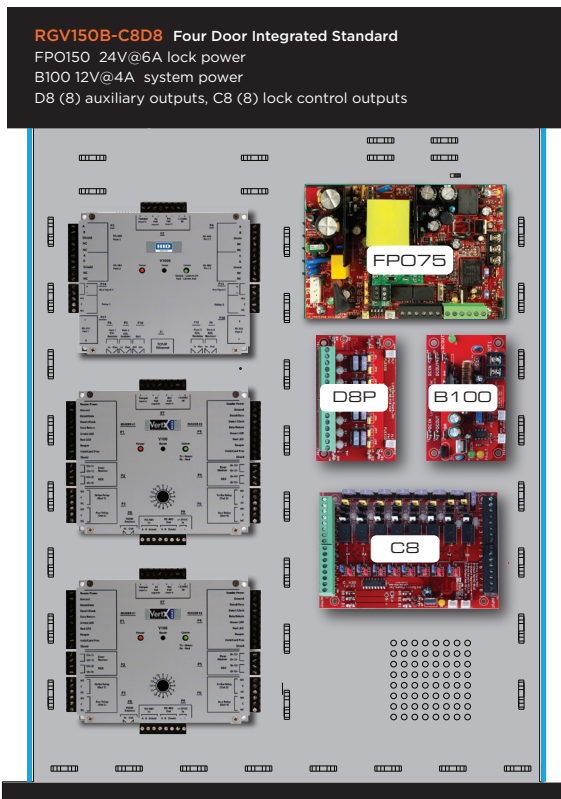


### RGV75 | 75W Four Door Vertex/Aero

| Dual V          | 12VDC           | 24VDC | STANDARD PN   | OUTPUTS        | MANAGED PM    | OUTPUTS           | POWER and PANEL MOUNTING          |
|-----------------|-----------------|-------|---------------|----------------|---------------|-------------------|-----------------------------------|
| 4DR             | 2A              | 2A    | RGV150B-C4D8Z | 4 lock / 8 aux | RGV75B-M8NZ   | 8 managed         | System and lock power / three HID |
| 4DR             | 2A              | 2A    | RGV75B-C8Z    | 8 lock         | RGV75B-D8M8NZ | 8 aux / 8 managed | System and lock power/ three HID  |
| <b>Single V</b> |                 |       |               |                |               |                   |                                   |
| 4DR             | 12V/6A (24V/3A) |       | RGV75-D8Z     | 8 aux          | RGV75-M8NZ    | 8 managed         | System power / three HID          |
| 4DR             | 12V/6A (24V/3A) |       | RGV75-C8Z     | 8 lock         | RGV75-D8M8NZ  | 8 aux / 8 managed | System power / three HID          |

*C4, C8, D8, M8 are fused outputs. For class II outputs, add "P", i.e. C4P, C8P, D8P, M8P*

### Rack Drawer Top Down View



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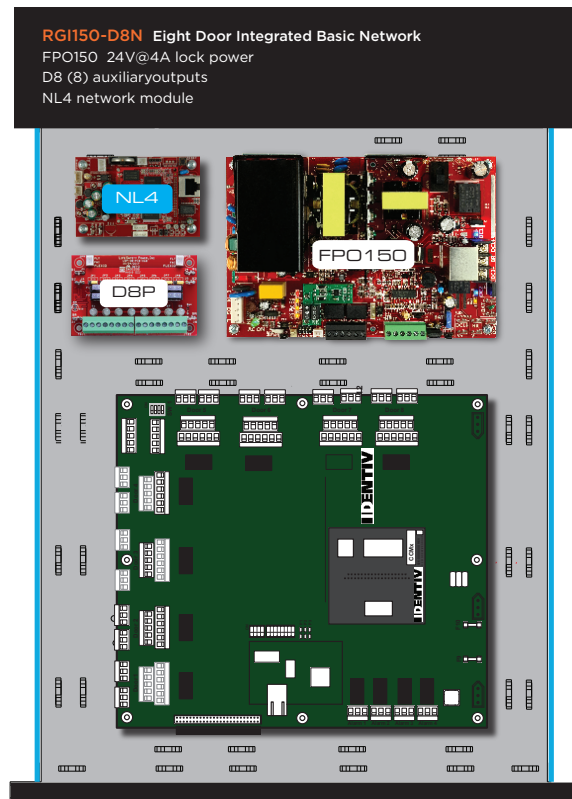
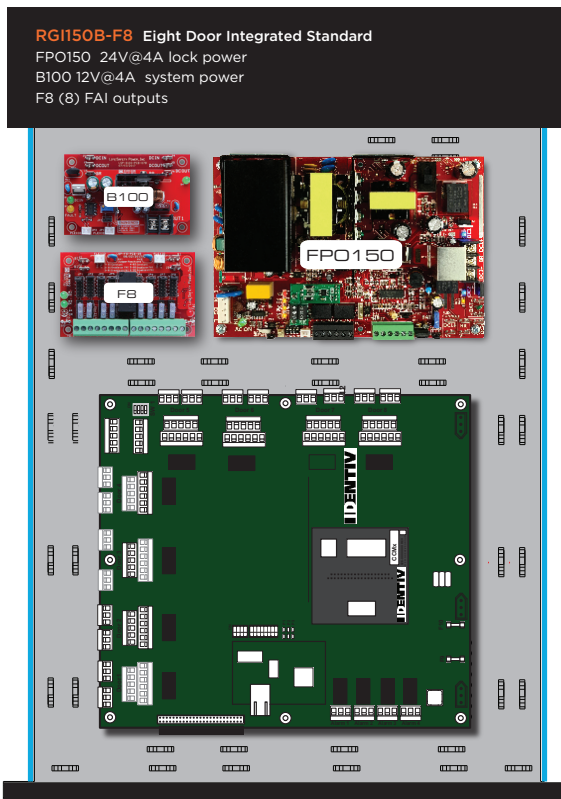


### RG1150 | 150W Eight Door IDENTIV

| Dual V          | 12VDC            | 24VDC | STANDARD      | OUTPUTS        | MANAGED        | OUTPUTS           | POWER and PANEL MOUNTING          |
|-----------------|------------------|-------|---------------|----------------|----------------|-------------------|-----------------------------------|
| 8DR             | 4A               | 4A    | RG1150B-D8Z   | 8 aux          | RG1150B-M8NZ   | 8 managed         | System and lock power / MX + Exp. |
| 8DR             | 4A               | 4A    | RG1150B-C8D8Z | 8 lock / 8 aux | RG1150B-D8M8NZ | 8 aux / 8 managed | System and lock power / MX + Exp. |
| <b>Single V</b> |                  |       |               |                |                |                   |                                   |
| 8DR             | 12V/12A (24V/6A) |       | RG1150-D8Z    | 8 aux          | RG1150-M8NZ    | 8 managed         | System power / MX + Exp.          |
| 8DR             | 12V/12A (24V/6A) |       | RG1150-C8Z    | 8 lock         | RG1150-D8M8NZ  | 8 aux / 8 managed | System power / MX + Exp.          |

*C4, C8, D8, M8 are fused outputs. For class II outputs, add "P", i.e. C4P, C8P, D8P, M8P*

### Rack Drawer Top Down View



Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.

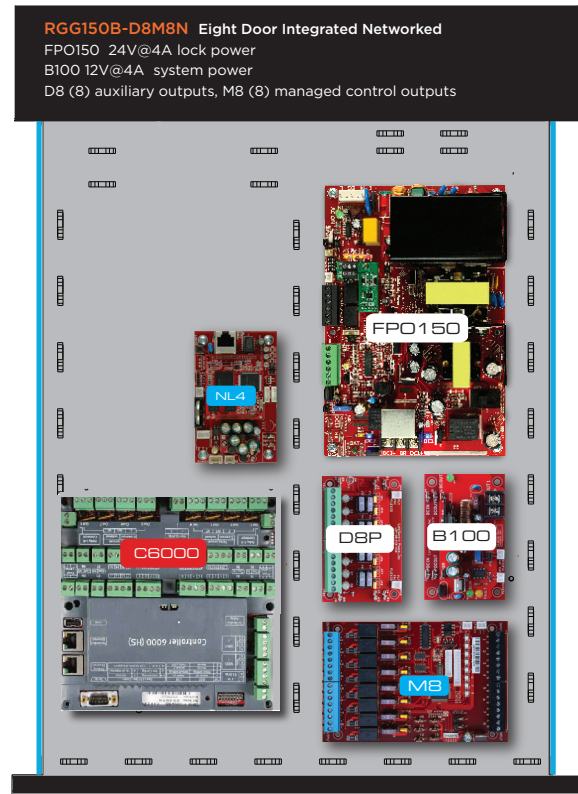
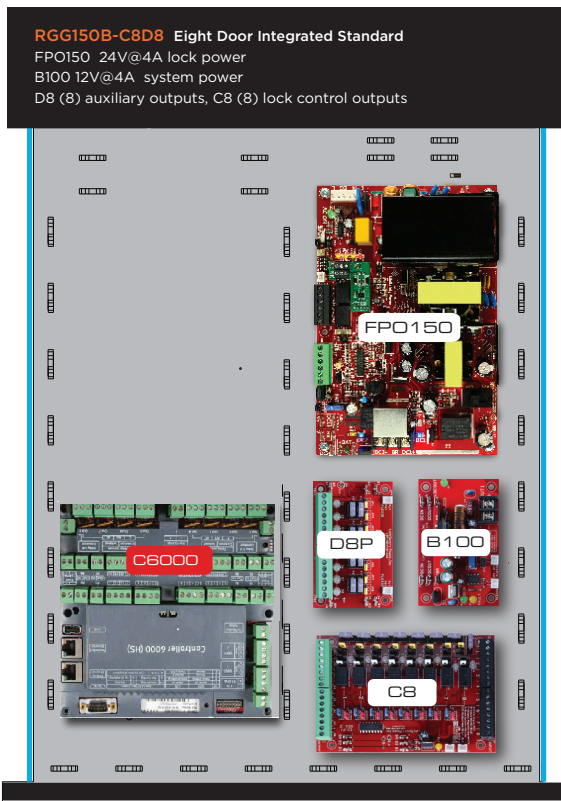


### RGG150 | 150W Eight Door Gallagher

| Dual V   | 12VDC            | 24VDC | STANDARD      | OUTPUTS        | MANAGED        | OUTPUTS           | POWER and PANEL MOUNTING      |
|----------|------------------|-------|---------------|----------------|----------------|-------------------|-------------------------------|
| 8DR      | 4A               | 4A    | RGG150B-D8Z   | 8 aux          | RGG150B-M8NZ   | 8 managed         | System and lock power / 6000. |
| 8DR      | 4A               | 4A    | RGG150B-C8D8Z | 8 lock / 8 aux | RGG150B-D8M8NZ | 8 aux / 8 managed | System and lock power / 6000  |
| Single V |                  |       |               |                |                |                   |                               |
| 8DR      | 12V/12A (24V/6A) |       | RGG150-D8Z    | 8 aux          | RGG150-M8NZ    | 8 managed         | System power / 6000           |
| 8DR      | 12V/12A (24V/6A) |       | RGG150-C8Z    | 8 lock         | RGG150-D8M8NZ  | 8 aux / 8 managed | System power / 6000           |

*C4, C8, D8, M8 are fused outputs. For class II outputs, add "P", i.e. C4P, C8P, D8P, M8P*

### Rack Drawer Top Down View



Part numbers in this product guide numbers are most common but many other configurations are possible. Contact Factory Technical Support or visit LSP Website for more information.



### RGL Series | LSP Power Drawer

#### Internal Distribution

| 150W Model No.   | Network | Voltage       | Current      | Bulk | Auxiliary | Control | Managed |
|------------------|---------|---------------|--------------|------|-----------|---------|---------|
| RGL150-Z1        |         | 12V or<br>24V | 12A or<br>6A | 2    |           |         |         |
| RGL150-D8Z1      |         |               |              | 2    | 8         |         |         |
| RGL150-2D8Z1     |         |               |              | 2    | 16        |         |         |
| RGL150-2C8Z1     |         |               |              | 2    |           | 16      |         |
| RGL150-2M8NZ1    | Yes     |               |              | 2    |           |         | 16      |
| RGL150-2D82M8NZ1 | Yes     |               |              | 2    | 16        |         | 16      |

| 400W Model No.       | Network | Voltage        | Current        | Bulk | Auxiliary | Control | Managed |
|----------------------|---------|----------------|----------------|------|-----------|---------|---------|
| RGL150/250-Z         |         | 12V and<br>24V | 12A and<br>10A | 2    |           |         |         |
| RGL150/250-2D8Z1     |         |                |                | 2    | 16        |         |         |
| RGL150/250-2C8Z1     |         |                |                | 2    |           | 16      |         |
| RGL150/250-2M8NZ1    | Yes     |                |                | 2    |           |         | 16      |
| RGL150/250-2D82M8NZ1 | Yes     |                |                | 2    | 16        |         | 16      |

| 500W Model No.       | Network | Voltage        | Current        | Bulk | Auxiliary | Control | Managed |
|----------------------|---------|----------------|----------------|------|-----------|---------|---------|
| RGL250/250-Z         |         | 12V and<br>24V | 20A and<br>10A | 2    |           |         |         |
| RGL250/250-2D8Z1     |         |                |                | 2    | 16        |         |         |
| RGL250/250-2C8Z1     |         |                |                | 2    |           | 16      |         |
| RGL250/250-2M8NZ1    | Yes     |                |                | 2    |           |         | 16      |
| RGL250/250-2D82M8NZ1 | Yes     |                |                | 2    | 16        |         | 16      |

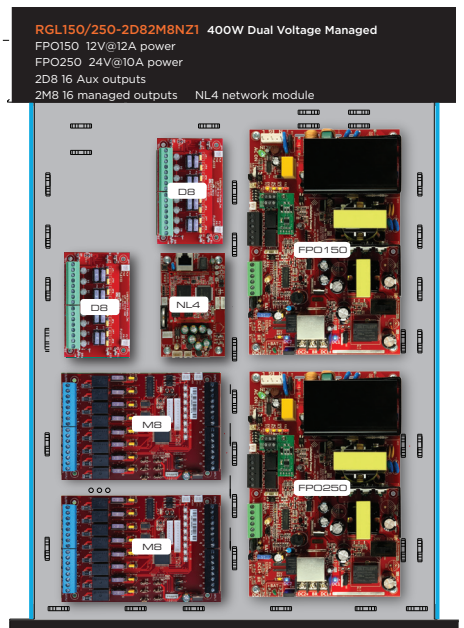
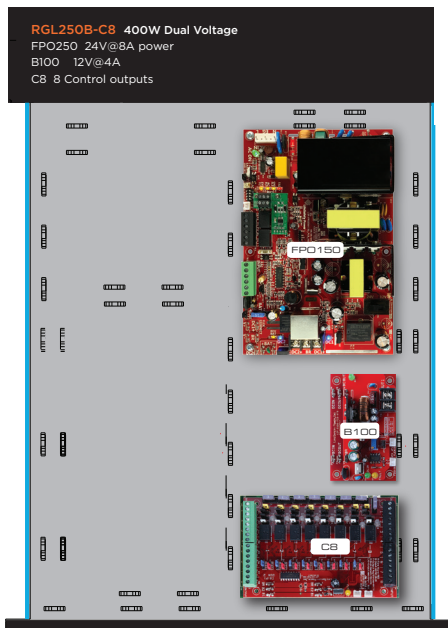
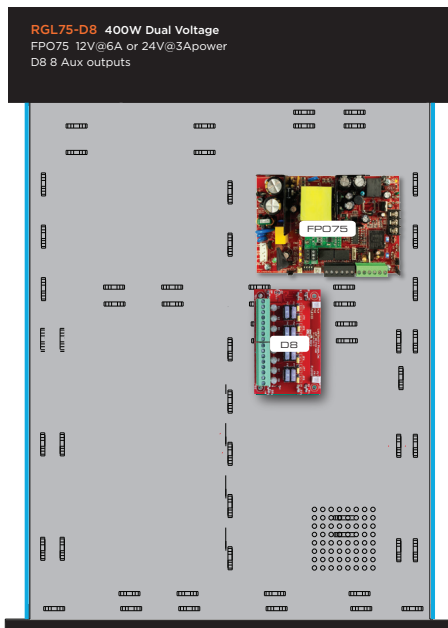
#### Internal Distribution

| 75W DV Model No. | Network | Voltage | Current | Bulk | Auxiliary | Control | Managed |
|------------------|---------|---------|---------|------|-----------|---------|---------|
| RGL75B-D8Z1      |         | 12V     | 2A      | 2    | 8         |         |         |
| RGL75B-C4Z1      |         | and     | and     | 2    |           | 4       |         |
| RGL75B-M8NZ1     | Yes     | 24V     | 2A      | 2    |           |         | 8       |

| 150W DV Model No. | Network | Voltage           | Current         | Bulk | Auxiliary | Control | Managed |
|-------------------|---------|-------------------|-----------------|------|-----------|---------|---------|
| RGL150B-D8Z1      |         | 12V<br>and<br>24V | 4A<br>and<br>4A | 2    | 8         |         |         |
| RGL150B-C8Z1      |         |                   |                 | 2    |           | 8       |         |
| RGL150B-C8D8Z1    |         |                   |                 | 2    | 8         | 8       |         |
| RGL150B-D8M8NZ1   | Yes     |                   |                 | 2    | 8         |         | 8       |

| 250W DV Model No. | Network | Voltage           | Current         | Bulk | Auxiliary | Control | Managed |
|-------------------|---------|-------------------|-----------------|------|-----------|---------|---------|
| RGL250B-2D8Z1     |         | 12V<br>and<br>24V | 4A<br>and<br>8A | 2    | 16        |         |         |
| RGL20B-2C8Z1      |         |                   |                 | 2    |           | 16      |         |
| RGL250B-C8D8Z1    |         |                   |                 | 2    | 8         | 8       |         |
| RGL250B-D8M8NZ1   | Yes     |                   |                 | 2    | 8         |         | 8       |

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Rack mount systems can be configured many other ways. Contact factory with requirements



### RC Series - Features

- 120VAC input or user select 230VAC supports data center electrical systems
- Each input and output has dedicated two terminal pair
- Direct power supply output terminals for flexibility
- Comprehensive fault detection and reporting
  - ◆ Form C contact transfer for AC Loss or brownout
  - ◆ Form C contact transfer for abnormal system operation

- Fire Alarm Interface
  - ◆ Latching or Non-latching | Remote reset capability
  - ◆ Normally Open, Normally Closed, Voltage, or Polarity Reversal Activation
- High capacity battery charging | Independent charging circuit
- Automotive fuses for improved ease of service
- Removable faceplate for serviceability
- Lifetime Warranty

### RC Series Rackmount - Control Outputs

| Model         | Power | Outputs | Description  |
|---------------|-------|---------|--|
| RC75-C8       | 75W   | 8       | 8 Control Outputs 75W, 6A/12V or 3A/24V                        |
| RC150-C8      | 150W  | 8       | 8 Control Outputs 150W, 12A/12V or 6A/24V                      |
| RC250-C16     | 250W  | 16      | 16 Control Outputs 250W, 20A/12V or 10A/24V                    |
| RC250B-C8D8   | 250W  | 8 / 8   | 8 Control, 8 Aux Outputs 250W, 4A/12V and 8A/24V               |
| RC150B-C16    | 150W  | 16      | 16 Control Outputs 150W, 4A/12V and 4A/24V                     |
| RC250B-C16    | 250W  | 16      | 16 Control Outputs 250W, 4A/12V and 8A/24V                     |
| RC75/150-C16  | 225W  | 16      | 16 Control Outputs 225W, 6A/12V (3A/24) and 12A/12V (6A/24V)   |
| RC150/250-C16 | 400W  | 16      | 16 Control Outputs 400W, 12A/12V (6A/24) and 20A/12V (10A/24V) |

For remote power supply monitoring add "N" suffix to pn, i.e. RC-75C8N

### RD Series - Features

- 120VAC input or user select 230VAC supports data center electrical systems
- Each input and output has dedicated two terminal pair
- Direct power supply output terminals for flexibility
- Comprehensive fault detection and reporting
  - ◆ Form C contact transfer for AC Loss or brownout
  - ◆ Form C contact transfer for abnormal system operation

- Fire Alarm Interface
  - ◆ Latching or Non-latching | Remote reset capability
  - ◆ Normally Open, Normally Closed, Voltage, or Polarity Reversal Activation
- High capacity battery charging | Independent charging circuit
- Automotive fuses for improved ease of service
- Removable faceplate for serviceability
- Lifetime Warranty

### RD Series Rackmount - Distributed Outputs

| Model    | Power | Outputs | Description                         |
|----------|-------|---------|-------------------------------------|
| RD75-8   | 75W   | 8       | 8 Outputs 75W, 6A/12V or 3A/24V     |
| RD150-8  | 150W  | 8       | 8 Outputs 150W, 12A/12V or 6A/24V   |
| RD150-16 | 150W  | 16      | 16 Outputs 75W, 12A/12V or 6A/24V   |
| RD250-16 | 250W  | 16      | 16 Outputs 250W, 12A/20V or 10A/24V |

For remote power supply monitoring add "N" suffix to pn, i.e. RD75-8N



*Rack mount systems can be configured many other ways. Contact factory with requirements*

*RS rackmount systems are UL listed for Access control*

**RS - Features**

- 120VAC input or user select 208 / 230VAC supports data center electrical systems
- Each input and output has dedicated two terminal pair
- Direct power supply output terminals for flexibility
- Comprehensive fault detection and reporting
  - ◆ Form C contact transfer for AC Loss or brownout
  - ◆ Form C contact transfer for abnormal system operation
- Fire Alarm Interface
- Latching or Non-latching | Remote reset capability
  - ◆ Normally Open, Normally Closed, Voltage, or Polarity Reversal Activation
- High capacity battery charging | Independent charging circuit
- Automotive fuses for improved ease of service
- Removable faceplate for serviceability
- Lifetime Warranty

**RS - Network Features**

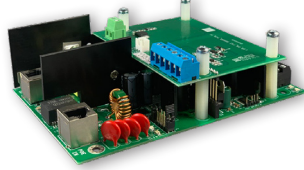
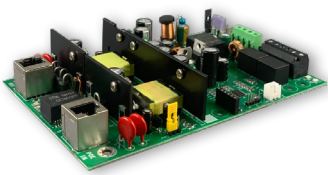
- Monitor and report system integrity, battery health and output condition
- Remote diagnostic servicing of host power supply(s) and battery set
- Monitoring of DC output voltage/current, AC status, battery status, internal / external temperatures
- Conduct remote battery load test
- Remote reset individual outputs
- Time / date stamp log reports on last 1000 events
- Email or SNMP Notification (get, set, trap)

**RS Series Rackmount - Network Managed Outputs**

| Model      | Power | Outputs | Description                                |
|------------|-------|---------|--|
| RS75-M8    | 75W   | 8       | 8 Managed Outputs 75W, 6A/12V or 3A/24V    |
| RS150-M8   | 150W  | 8       | 8 Managed Outputs 150W, 12A/12V or 6A/24V  |
| RS250-M16  | 250W  | 16      | 16 Managed Outputs 250W, 20/12V or 10A/24V |
| RS250B-M8  | 250W  | 8       | 8 Managed Outputs 250W, 4A/12V and 8A/24V  |
| RS250B-M16 | 250W  | 16      | 16 Managed Outputs 250W, 4A/12V and 8A/24V |

BITSTREAM™ **BX** series

**BITSTREAM™**  
power • data • firedrop over ethernet



**BX50 | 50W**

**BX75 | 75W**



| BX Key Benefit   |
|--|
| <b>Fire Alarm Disconnect</b> - local or centralized Fire Over Ethernet™    |
| <b>Built-In Charger</b> - supports SLA or Lithium Iron Phosphate batteries |
| <b>OutSmart™</b> - visual voltage verification technology                  |
| <b>Built in low battery cutoff</b> - prevents deep discharge               |
| <b>FlexPower Modularity</b> - Works with any LSP enclosure or accessory    |
| <b>Separate Fault Relays</b> - Separate PoE and Battery Fault Relays       |

**MODEL BUILDER**

**BX 75 - C4 D8 NL4 E2**

BITSTREAM™  
POE ACCESS POWER

MODEL  
BX50 | BX75

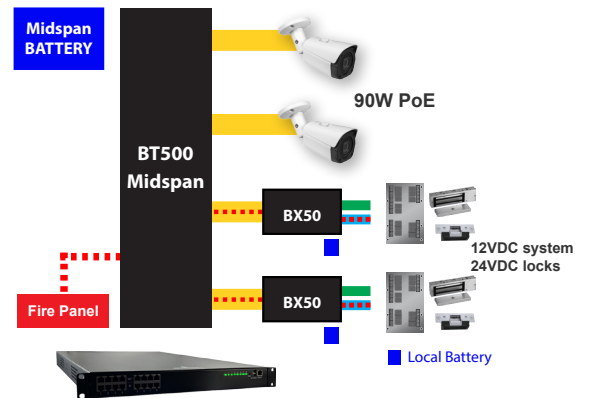
ENCLOSURE  
E5 - 8.5" x 11" x 3"  
E1 - 14" x 12" x 4.5"  
E2 - 20" x 16" x 4.5"

ACCESSORY BOARDS  
C4 - 4 controlled    D8 - 8 auxiliary  
C8 - 8 controlled    M8 - 8 managed  
NL4 - Network Module

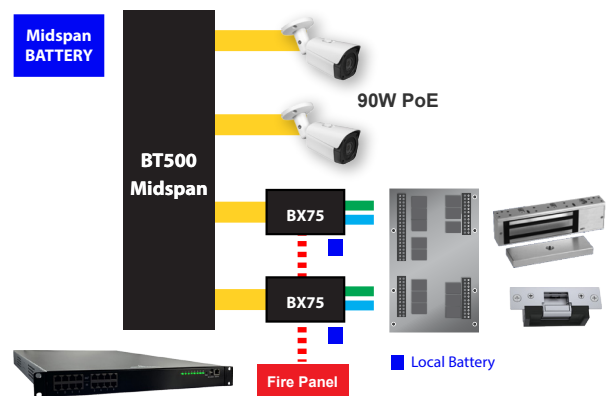


**APPLICATIONS**

**BX50 Fire Over Ethernet™**



**BX75 Local Fire Alarm Disconnect**





# LifeSafety Power®

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## Agency Listings

- UL294, UL2610 | ULC S319
- CSA C22.2 #107.1
- FCC Part 15 Subpart B
- IEC 62368-1:2014, EN55032:2015, EN61000-3-2:2014
- EN61000-3-3:2013, EN55024:2010 +A1:2015
- CE | UKCA | BIS IS13252(Part1):2010 | NOM 001:2018 | RCM, SAA
- CSFM approved | ROHS 3 Leadfree