

# ENCLOSED DISCONNECT SWITCHES



Ferraz Shawmut Enclosed Disconnect Switches are designed to meet customer's requirements for compact and durable individual disconnecting means. Both fusible and non-fusible versions are available in a variety of enclosure types resulting in one of the largest available ranges in the industry. The enclosed disconnect switch range offers safety, ease of installation, space savings and operational convenience to end-users.

Ferraz Shawmut features NEMA style, Type 4X non-metallic and stainless steel enclosures that are extremely durable and provide the ultimate protection for harsh environments and conditions. These rugged enclosure types are often used in areas where "wash down" applications are required.

## HIGHLIGHTS:

- Suitable for use as Motor Disconnect
- Meets OSHA lockout/tagout requirements
- NEMA rated enclosures
- Knockouts provided
- Easy screw mounting
- Selector or pistol handles in black or red/yellow
- Clear ON/OFF indication

## APPLICATIONS:

- Load break switching
- Separate disconnect means within sight of all motor loads to comply with NEC® Article 430
- Circuit isolation
- Service entrance ratings available
- Food Processing
- Conveyor Systems
- Harsh Industrial Environments

## Ratings

- Fusible:  
600 VAC: 30 to 800 A
- Non-Fusible:  
600 VAC: 16 to 1200 A

## Approvals

- UL 508A
- UL508
- UL98
- CSA
- IEC versions available



# ENCLOSED DISCONNECT SWITCHES

## NEMA Enclosure Type

3 Pole, 600V 16-125A, Non-Fused, Selector Handle

|        |            |  | 1            | 3R           | 12           | 4            | 4X Stainless | 4X Non-Metallic |
|--------|------------|--|--------------|--------------|--------------|--------------|--------------|-----------------|
| UL 508 | Amp Rating |  | Catalog No.  | Catalog No.  | Catalog No.  | Catalog No.  | Catalog No.  | Catalog No.     |
|        | 16         |  | EALBS163RS0  | EFLBS163RS0  | ECLBS163RS0  | EHLBS163RS0  | EBLBS163RS0  | EDLBS163RS0     |
|        | 20         |  | EALBS203RS0  | EFLBS203RS0  | ECLBS203RS0  | EHLBS203RS0  | EBLBS203RS0  | EDLBS203RS0     |
|        | 25         |  | EALBS253RS0  | EFLBS253RS0  | ECLBS253RS0  | EHLBS253RS0  | EBLBS253RS0  | EDLBS253RS0     |
|        | 30         |  | EALBS303RS0  | EFLBS303RS0  | ECLBS303RS0  | EHLBS303RS0  | EBLBS303RS0  | EDLBS303RS0     |
|        | 40         |  | EALBS403RS0  | EFLBS403RS0  | ECLBS403RS0  | EHLBS403RS0  | EBLBS403RS0  | EDLBS403RS0     |
|        | 60         |  | EALBS603RS0  | EFLBS603RS0  | ECLBS603RS0  | EHLBS603RS0  | EBLBS603RS0  | EDLBS603RS0     |
|        | 80         |  | EALBS803RS0  | EFLBS803RS0  | ECLBS803RS0  | EHLBS803RS0  | EBLBS803RS0  | EGLBS803RS0     |
|        | 100        |  | EALBS1003RS0 | EFLBS1003RS0 | ECLBS1003RS0 | EHLBS1003RS0 | EBLBS1003RS0 | EGLBS1003RS0    |
|        | 125        |  | EALBS1253RS0 | EFLBS1253RS0 | ECLBS1253RS0 | EHLBS1253RS0 | EBLBS1253RS0 | EGLBS1253RS0    |

## NEMA Enclosure Type

3 Pole, 600V 16-1200A, Non-Fused, Pistol Handle

|        |            |  | 1            | 3R           | 12           | 4            | 4X Stainless | 4X Non-Metallic |
|--------|------------|--|--------------|--------------|--------------|--------------|--------------|-----------------|
| UL 508 | Amp Rating |  | Catalog No.  | Catalog No   | Catalog No   | Catalog No   | Catalog No   | Catalog No      |
|        | 16         |  | EALBS163RP0  | EFLBS163RP0  | ECLBS163RP0  | EHLBS163RP0  | EBLBS163RP0  | EDLBS163RP0     |
|        | 20         |  | EALBS203RP0  | EFLBS203RP0  | ECLBS203RP0  | EHLBS203RP0  | EBLBS203RP0  | EDLBS203RP0     |
|        | 25         |  | EALBS253RP0  | EFLBS253RP0  | ECLBS253RP0  | EHLBS253RP0  | EBLBS253RP0  | EDLBS253RP0     |
|        | 30         |  | EALBS303RP0  | EFLBS303RP0  | ECLBS303RP0  | EHLBS303RP0  | EBLBS303RP0  | EDLBS303RP0     |
|        | 40         |  | EALBS403RP0  | EFLBS403RP0  | ECLBS403RP0  | EHLBS403RP0  | EBLBS403RP0  | EDLBS403RP0     |
|        | 60         |  | EALBS603RP0  | EFLBS603RP0  | ECLBS603RP0  | EHLBS603RP0  | EBLBS603RP0  | EDLBS603RP0     |
|        | 80         |  | EALBS803RSP0 | EFLBS803RP0  | ECLBS803RP0  | EHLBS803RP0  | EBLBS803RP0  | EGLBS803RP0     |
|        | 100        |  | EALBS1003RP0 | EFLBS1003RP0 | ECLBS1003RP0 | EHLBS1003RP0 | EBLBS1003RP0 | EGLBS1003RP0    |
|        | 125        |  | EALBS1253RP0 | EFLBS1253RP0 | ECLBS1253RP0 | EHLBS1253RP0 | EBLBS1253RP0 | EGLBS1253RP0    |
| UL 98  | 30         |  | EASC303RP0   | EFSC303RP0   | ECSC303RP0   | EHSC303RP0   | EBSC303RP0   | EGSC303RP0      |
|        | 60         |  | EASC603RP0   | EFSC603RP0   | ECSC603RP0   | EHSC603RP0   | EBSC603RP0   | EGSC603RP0      |
|        | 100        |  | EASC1003RP0  | EFSC1003RP0  | ECSC1003RP0  | EHSC1003RP0  | EBSC1003RP0  | EGSC1003RP0     |
|        | 200        |  | EASC2003RP0  | EFSC2003RP0  | ECSC2003RP0  | EHSC2003RP0  | EBSC2003RP0  | EGSC2003RP0     |
|        | 400        |  | EASC4003RP0  | EFSC4003RP0  | ECSC4003RP0  | EHSC4003RP0  | EBSC4003RP0  | EGSC4003RP0     |
|        | 600        |  | EASC6003RP0  | EFSC6003RP0  | ECSC6003RP0  | EHSC6003RP0  | EBSC6003RP0  | EGSC6003RP0     |
|        | 800        |  | EASC8003RP0  | EFSC8003RP0  | ECSC8003RP0  | EHSC8003RP0  | EBSC8003RP0  | EGSC8003RP0     |
|        | 1000       |  | EASC10003RP0 | EFSC10003RP0 | ECSC10003RP0 | EHSC10003RP0 | EBSC10003RP0 | EGSC10003RP0    |
|        | 1200       |  | EASC12003RP0 | EFSC12003RP0 | ECSC12003RP0 | EHSC12003RP0 | EBSC12003RP0 | EGSC12003RP0    |

## NEMA Enclosure Type

3 Pole, 600V 30-800A, Fused, Pistol Handle

|       |             |           | 1            | 3R           | 12           | 4            | 4X Stainless | 4X Non-Metallic |
|-------|-------------|-----------|--------------|--------------|--------------|--------------|--------------|-----------------|
| UL 98 | Amp Rating  | Fuse Type | Catalog No.  | Catalog No.  | Catalog No.  | Catalog No.  | Catalog No.  | Catalog No.     |
|       | 30, compact | CC        | EAFBCC303RP0 | EFFBCC303RP0 | ECFBCC303RP0 | EHFBCC303RP0 | EBFBCC303RP0 | EGFBCC303RP0    |
|       | 30, compact | J         | EAFBJC303RP0 | EFFBJC303RP0 | ECFBJC303RP0 | EHFBJC303RP0 | EBFBJC303RP0 | EGFBJC303RP0    |
|       | 30          | CC        | EAFBC303RP0  | EFFBC303RP0  | ECFBC303RP0  | EHFBC303RP0  | EBFBC303RP0  | EGFBC303RP0     |
|       | 30          | J         | EAFBJ303RP0  | EFFBJ303RP0  | ECFBJ303RP0  | EHFBJ303RP0  | EBFBJ303RP0  | EGFBJ303RP0     |
|       | 60          | J         | EAFBJ603RP0  | EFFBJ603RP0  | ECFBJ603RP0  | EHFBJ603RP0  | EBFBJ603RP0  | EGFBJ603RP0     |
|       | 100         | J         | EAFBJ1003RP0 | EFFBJ1003RP0 | ECFBJ1003RP0 | EHFBJ1003RP0 | EBFBJ1003RP0 | EGFBJ1003RP0    |
|       | 200         | J         | EAFBJ2003RP0 | EFFBJ2003RP0 | ECFBJ2003RP0 | EHFBJ2003RP0 | EBFBJ2003RP0 | EGFBJ2003RP0    |
|       | 400         | J         | EAFBJ4003RP0 | EFFBJ4003RP0 | ECFBJ4003RP0 | EHFBJ4003RP0 | EBFBJ4003RP0 | EGFBJ4003RP0    |
|       | 600         | J         | EAFBJ6003RP0 | EFFBJ6003RP0 | ECFBJ6003RP0 | EHFBJ6003RP0 | EBFBJ6003RP0 | EGFBJ6003RP0    |
|       | 800         | L         | EAFBL8003RP0 | EFFBL8003RP0 | ECFBL8003RP0 | EHFBL8003RP0 | EBFBL8003RP0 | EGFBL8003RP0    |

Notes: Each of the above enclosed switches are provided with a red/yellow handle. Simply replace the "RS" or "RP" with a "BS" or "BP" to receive with a black selector or black pistol handle at no additional cost. The non-metallic enclosures are comprised of "ED" polycarbonate boxes and "EG" polyester fiberglass boxes.

# ENCLOSED DISCONNECT SWITCHES

## Part Numbering Guideline

| ED             | LBS         | 30         | 3               | R                                               | S                                             | O                                      | -             |
|----------------|-------------|------------|-----------------|-------------------------------------------------|-----------------------------------------------|----------------------------------------|---------------|
| Enclosure Type | Switch Type | Amp Rating | Number of Poles | Color of handle:<br>R = Red/yellow<br>B = Black | Type of handle:<br>S = Selector<br>P = Pistol | Auxiliary contacts:<br>See chart below | Other options |

## Pre-break, Pre-mounted Auxiliary Contacts

| Switch Style       |                      | Catalog Suffix |      |           |
|--------------------|----------------------|----------------|------|-----------|
|                    |                      | 1              | 2    | 3         |
| Non-fusible, UL508 | LBSM, 16 – 25A       | N/A            | N/A  | 1 NO + NC |
| Non-fusible, UL508 | LBSR, 30 – 125A      | 1 NO           | 1 NC | 1 NO + NC |
| Non-fusible, UL98  | Sirco, 30 – 1200A    | 1 NO           | 1 NC | 1 NO + NC |
| Fusible, UL98      | Fuserbloc, 30 – 800A | 1 NO           | 1 NC | 1 NO + NC |

Note: The letter "O" suffix is standard in part number and means enclosed switch shipped with no auxiliary contacts. Replacing the letter "O" with a 1, 2 or 3 per above provides the type of auxiliary contact indicated. N/A in the chart above indicates that this particular option is not available for this configuration. Please consult the factory if other auxiliary contact configurations are desired.

## Other Options

Please consult factory for availability and suffix for any other options including:

- Neutral blocks
- Special Request
  - Pilot Lights
  - Pushbuttons
  - 2 or 3 position selector switches

Terminal lugs/shrouding are integral to the following enclosed disconnect switches:

- LBS (16-125A)
- SCV (30-100A)
- FBCC/FBJ (30-60A)

For all other enclosed switches, terminal lugs are available for separate purchase where the number following the TL represents the ampacity of the lug.

Catalog numbers for the lugs appear below:

- TL100
- TL200
- TL400
- TL600
- TL800
- TL1200

For those enclosed disconnects where terminal lugs or customer supplied ring lug connections are made, shrouding for the line side of the switch is always supplied. Load side shrouds are also available for separate purchase with part numbering as follows:

- |            |           |
|------------|-----------|
| Non-Fused  | Fused     |
| - TS200SC  | - TS100FB |
| - TS400SC  | - TS200FB |
| - TS600SC  | - TS400FB |
| - TS1200SC | - TS800FB |

## All enclosed switches are provided with a standard integral ground lug

| Box type | Switch type  | Ground lug wire size    |
|----------|--------------|-------------------------|
| IP65     | 16 – 30A     | 6mm <sup>2</sup> (~#10) |
| NEMA/UL  | 16–60A       | (2) #4 – #14            |
| NEMA/UL  | 80 – 125A    | (2) 1/0 – #14           |
| NEMA/UL  | 200 – 400A   | (2)600kcmil – #2        |
| NEMA/UL  | 600A & above | Consult Factory         |

| *IEC Enclosure Type (IP65) |             |
|----------------------------|-------------|
| Amp Rating                 | Catalog #   |
| 16                         | EELBS163RSO |
| 20                         | EELBS203RSO |
| 25                         | EELBS253RSO |
| 30                         | EELBS303RSO |

Note: EDLBS 40A, 60A & 80A use grounding stud

## Enclosure Application Information

| Enclosure Type |      | Intended Use and Description                                                                                                                                                                     |
|----------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NEMA           | 1    | Indoor use primarily to provide a degree of protection against contact with the enclosed equipment and against a limited amount of falling dirt.                                                 |
| NEMA           | 3R   | Intended for outdoor use primarily to provide a degree of protection against rain, sleet, and damage from external ice formation.                                                                |
| NEMA           | 12   | Intended for indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping non-corrosive liquids.                                                  |
| NEMA           | 4    | Intended for indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.    |
| NEMA           | 4X   | Intended for indoor or outdoor use primarily to provide a degree of protection against corrosion, wind blown dust and rain, splashing water, hose-directed water, and damage from ice formation. |
| IEC            | IP65 | Total protection against dust and protected against water jets from any hosed direction.                                                                                                         |

# ENCLOSED DISCONNECT SWITCHES

| Switch Rating                       | Enclosure Type  | H height (in) | W width (in) | D depth (in) | MH mounting height (in) | MW mounting width (in) | Shipping Weight (lbs) | Figure No. |
|-------------------------------------|-----------------|---------------|--------------|--------------|-------------------------|------------------------|-----------------------|------------|
| 16-25A (LBSM) UL508 Selector Handle | 1               | 6.00          | 6.00         | 4.00         | 6.75                    | 4.00                   | 5.1                   | 2          |
|                                     | 3R              | 6.00          | 6.00         | 4.00         | 7.00                    | 3.00                   | 5.4                   | 1          |
|                                     | 12              | 6.00          | 6.00         | 4.00         | 6.75                    | 4.00                   | 5.1                   | 1          |
|                                     | 4               | 6.00          | 6.00         | 4.00         | 6.75                    | 4.00                   | 5.1                   | 1          |
|                                     | 4X Stainless    | 6.00          | 6.00         | 4.00         | 6.75                    | 4.00                   | 5.1                   | 1          |
|                                     | 4X Non-Metallic | 7.00          | 5.03         | 4.02         | 6.18                    | 4.21                   | 1.6                   | 2          |
|                                     | IP65            | 5.20          | 3.43         | 2.99         | 4.69                    | 2.91                   | 0.8                   | 2          |
| 16-25A (LBSM) UL508 Pistol Handle   | 1               | 5.91          | 5.91         | 4.72         | 5.20                    | 3.35                   | 5.6                   | 2          |
|                                     | 3R              | 8.00          | 8.00         | 6.00         | 9.00                    | 3.00                   | 9.6                   | 1          |
|                                     | 12              | 5.91          | 5.91         | 4.72         | 5.20                    | 3.35                   | 5.6                   | 2          |
|                                     | 4               | 5.91          | 5.91         | 4.72         | 5.20                    | 3.35                   | 5.7                   | 2          |
|                                     | 4X Stainless    | 5.91          | 5.91         | 4.72         | 5.20                    | 3.35                   | 5.8                   | 2          |
|                                     | 4X Non-Metallic | 7.00          | 5.03         | 5.02         | 6.18                    | 4.21                   | 2.5                   | 2          |
|                                     | 4X Non-Metallic | 7.00          | 5.03         | 5.02         | 6.18                    | 4.21                   | 2.5                   | 2          |
| 30A (LBSR) UL508 Pistol Handle      | 1               | 6.00          | 6.00         | 4.00         | 6.75                    | 4.00                   | 5.2                   | 2          |
|                                     | 3R              | 6.00          | 6.00         | 4.00         | 7.00                    | 3.00                   | 5.5                   | 1          |
|                                     | 12              | 6.00          | 6.00         | 4.00         | 6.75                    | 4.00                   | 5.2                   | 1          |
|                                     | 4               | 6.00          | 6.00         | 4.00         | 6.75                    | 4.00                   | 5.4                   | 1          |
|                                     | 4X Stainless    | 6.00          | 6.00         | 4.00         | 6.75                    | 4.00                   | 5.2                   | 1          |
|                                     | 4X Non-Metallic | 7.00          | 5.03         | 4.02         | 6.18                    | 4.21                   | 1.8                   | 2          |
|                                     | 4X Non-Metallic | 7.00          | 5.03         | 4.02         | 6.18                    | 4.21                   | 1.8                   | 2          |
| 40A (LBSR) UL508 Selector Handle    | 1               | 5.91          | 5.91         | 4.72         | 5.20                    | 3.35                   | 5.7                   | 2          |
|                                     | 3R              | 8.00          | 8.00         | 6.00         | 9.00                    | 3.00                   | 9.7                   | 1          |
|                                     | 12              | 5.91          | 5.91         | 4.72         | 5.20                    | 3.35                   | 5.7                   | 2          |
|                                     | 4               | 5.91          | 5.91         | 4.72         | 5.20                    | 3.35                   | 5.8                   | 2          |
|                                     | 4X Stainless    | 5.91          | 5.91         | 4.72         | 5.20                    | 3.35                   | 5.9                   | 2          |
|                                     | 4X Non-Metallic | 7.00          | 5.03         | 5.02         | 6.18                    | 4.21                   | 2.6                   | 2          |
|                                     | 4X Non-Metallic | 7.00          | 5.03         | 5.02         | 6.18                    | 4.21                   | 2.6                   | 2          |
| 40A (LBSR) UL508 Pistol Handle      | 1               | 6.00          | 6.00         | 4.00         | 6.75                    | 4.00                   | 5.2                   | 2          |
|                                     | 3R              | 6.00          | 6.00         | 4.00         | 7.00                    | 3.00                   | 5.5                   | 1          |
|                                     | 12              | 6.00          | 6.00         | 4.00         | 6.75                    | 4.00                   | 5.2                   | 1          |
|                                     | 4               | 6.00          | 6.00         | 4.00         | 6.75                    | 4.00                   | 5.4                   | 1          |
|                                     | 4X Stainless    | 6.00          | 6.00         | 4.00         | 6.75                    | 4.00                   | 5.2                   | 1          |
|                                     | 4X Non-Metallic | 7.00          | 5.03         | 4.02         | 6.18                    | 4.21                   | 1.8                   | 2          |
|                                     | 4X Non-Metallic | 7.00          | 5.03         | 4.02         | 6.18                    | 4.21                   | 1.8                   | 2          |
| 60A (LBSR) UL508 Selector Handle    | 1               | 5.91          | 5.91         | 4.72         | 5.20                    | 3.35                   | 5.8                   | 2          |
|                                     | 3R              | 8.00          | 8.00         | 6.00         | 9.00                    | 3.00                   | 9.7                   | 1          |
|                                     | 12              | 5.91          | 5.91         | 4.72         | 5.20                    | 3.35                   | 5.8                   | 2          |
|                                     | 4               | 5.91          | 5.91         | 4.72         | 5.20                    | 3.35                   | 5.8                   | 2          |
|                                     | 4X Stainless    | 5.91          | 5.91         | 4.72         | 5.20                    | 3.35                   | 5.8                   | 2          |
|                                     | 4X Non-Metallic | 7.00          | 5.03         | 5.02         | 6.18                    | 4.21                   | 5.9                   | 2          |
|                                     | 4X Non-Metallic | 7.00          | 5.03         | 5.02         | 6.18                    | 4.21                   | 5.9                   | 2          |
| 60A (LBSR) UL508 Pistol Handle      | 1               | 8.00          | 8.00         | 6.00         | 5.00                    | 7.00                   | 8.5                   | 2          |
|                                     | 3R              | 8.00          | 6.00         | 4.00         | 9.00                    | 3.00                   | 6.8                   | 1          |
|                                     | 12              | 8.00          | 6.00         | 6.00         | 8.75                    | 4.00                   | 8.2                   | 1          |
|                                     | 4               | 7.87          | 5.91         | 4.72         | 5.20                    | 3.35                   | 6.7                   | 2          |
|                                     | 4X Stainless    | 8.00          | 6.00         | 4.00         | 8.75                    | 4.00                   | 7.0                   | 1          |
|                                     | 4X Non-Metallic | 7.00          | 5.03         | 4.02         | 6.18                    | 4.21                   | 2.0                   | 2          |
|                                     | 4X Non-Metallic | 7.00          | 5.03         | 4.02         | 6.18                    | 4.21                   | 2.0                   | 2          |
| 16-25A (LBSM) UL508 Selector Handle | 1               | 8.00          | 8.00         | 6.00         | 5.00                    | 7.00                   | 9.1                   | 2          |
|                                     | 3R              | 8.00          | 8.00         | 6.00         | 9.00                    | 3.00                   | 9.9                   | 1          |
|                                     | 12              | 8.00          | 6.00         | 6.00         | 8.75                    | 4.00                   | 8.8                   | 1          |
|                                     | 4               | 7.87          | 5.91         | 4.72         | 5.20                    | 3.35                   | 7.3                   | 2          |
|                                     | 4X Stainless    | 7.87          | 5.91         | 4.72         | 5.20                    | 3.35                   | 7.3                   | 2          |
|                                     | 4X Non-Metallic | 7.00          | 5.03         | 5.02         | 6.18                    | 4.21                   | 2.9                   | 2          |
|                                     | 4X Non-Metallic | 7.00          | 5.03         | 5.02         | 6.18                    | 4.21                   | 2.9                   | 2          |
| 80A (LBSR) UL508                    | 1               | 10.00         | 8.00         | 6.00         | 7.00                    | 7.00                   | 10.6                  | 2          |
|                                     | 3R              | 10.00         | 8.00         | 6.00         | 11.00                   | 3.00                   | 11.1                  | 1          |
|                                     | 12              | 10.00         | 8.00         | 6.00         | 10.75                   | 6.00                   | 12.3                  | 1          |
|                                     | 4               | 10.00         | 8.00         | 6.00         | 10.75                   | 6.00                   | 11.8                  | 1          |
|                                     | 4X Stainless    | 9.84          | 7.87         | 5.91         | 9.13                    | 5.31                   | 9.8                   | 2          |
|                                     | 4X Non-Metallic | 9.30          | 7.31         | 4.96         | 8.74                    | 4.01                   | 6.0                   | 1          |
|                                     | 4X Non-Metallic | 9.30          | 7.31         | 4.96         | 8.74                    | 4.01                   | 6.0                   | 1          |
| 100A (LBSR) UL508                   | 1               | 10.00         | 8.00         | 6.00         | 7.00                    | 7.00                   | 10.6                  | 2          |
|                                     | 3R              | 10.00         | 8.00         | 6.00         | 11.00                   | 3.00                   | 11.1                  | 1          |
|                                     | 12              | 10.00         | 8.00         | 6.00         | 10.75                   | 6.00                   | 12.3                  | 1          |
|                                     | 4               | 10.00         | 8.00         | 6.00         | 10.75                   | 6.00                   | 11.8                  | 1          |
|                                     | 4X Stainless    | 9.84          | 7.87         | 5.91         | 9.13                    | 5.31                   | 9.8                   | 2          |
|                                     | 4X Non-Metallic | 11.31         | 9.31         | 5.43         | 10.75                   | 6.02                   | 7.6                   | 1          |
|                                     | 4X Non-Metallic | 11.31         | 9.31         | 5.43         | 10.75                   | 6.02                   | 7.6                   | 1          |

| Switch Rating     | Enclosure Type  | H height (in) | W width (in) | D depth (in) | MH mounting height (in) | MW mounting width (in) | Shipping Weight (lbs) | Figure No. |
|-------------------|-----------------|---------------|--------------|--------------|-------------------------|------------------------|-----------------------|------------|
| 125A (LBSR) UL508 | 1               | 10.00         | 8.00         | 6.00         | 7.00                    | 7.00                   | 10.6                  | 2          |
|                   | 3R              | 10.00         | 8.00         | 6.00         | 11.00                   | 3.00                   | 11.1                  | 1          |
|                   | 12              | 10.00         | 8.00         | 6.00         | 10.75                   | 6.00                   | 12.4                  | 1          |
|                   | 4               | 10.00         | 8.00         | 6.00         | 10.75                   | 6.00                   | 11.9                  | 1          |
|                   | 4X Stainless    | 9.84          | 7.87         | 5.91         | 9.13                    | 5.31                   | 9.8                   | 2          |
|                   | 4X Non-Metallic | 11.31         | 9.31         | 5.43         | 10.75                   | 6.02                   | 7.6                   | 1          |
|                   | 4X Non-Metallic | 11.31         | 9.31         | 5.43         | 10.75                   | 6.02                   | 7.6                   | 1          |
| 30A (SCV) UL98    | 1               | 8.00          | 8.00         | 6.00         | 5.00                    | 5.00                   | 9.3                   | 2          |
|                   | 3R              | 8.00          | 8.00         | 6.00         | 9.00                    | 3.00                   | 10.2                  | 1          |
|                   | 12              | 7.87          | 5.91         | 4.72         | 5.20                    | 3.35                   | 7.6                   | 1          |
|                   | 4               | 7.87          | 5.91         | 4.72         | 5.20                    | 3.35                   | 7.6                   | 1          |
|                   | 4X Stainless    | 9.844         | 7.87         | 5.91         | 9.13                    | 5.31                   | 10.1                  | 2          |
|                   | 4X Non-Metallic | 9.30          | 7.31         | 4.96         | 8.74                    | 4.01                   | 6.2                   | 1          |
|                   | 4X Non-Metallic | 9.30          | 7.31         | 4.96         | 8.74                    | 4.01                   | 6.2                   | 1          |
| 60A (SCV) UL98    | 1               | 12.00         | 12.00        | 6.00         | 9.00                    | 11.00                  | 16.0                  | 2          |
|                   | 3R              | 12.00         | 10.00        | 6.00         | 13.00                   | 3.00                   | 17.6                  | 1          |
|                   | 12              | 12.00         | 12.00        | 6.00         | 12.75                   | 10.00                  | 21.6                  | 1          |
|                   | 4               | 12.00         | 12.00        | 6.00         | 12.75                   | 10.00                  | 21.9                  | 1          |
|                   | 4X Stainless    | 11.81         | 9.84         | 5.91         | 11.10                   | 7.28                   | 17.4                  | 2          |
|                   | 4X Non-Metallic | 13.30         | 11.29        | 7.10         | 12.75                   | 8.01                   | 12.9                  | 1          |
|                   | 4X Non-Metallic | 13.30         | 11.29        | 7.10         | 12.75                   | 8.01                   | 12.9                  | 1          |
| 100A (SCV) UL98   | 1               | 12.00         | 12.00        | 6.00         | 9.00                    | 11.00                  | 16.0                  | 2          |
|                   | 3R              | 12.00         | 10.00        | 6.00         | 13.00                   | 3.00                   | 17.6                  | 1          |
|                   | 12              | 12.00         | 12.00        | 6.00         | 12.75                   | 10.00                  | 21.6                  | 1          |
|                   | 4               | 12.00         | 12.00        | 6.00         | 12.75                   | 10.00                  | 21.9                  | 1          |
|                   | 4X Stainless    | 12.00         | 10.00        | 6.00         | 12.75                   | 8.00                   | 18.6                  | 1          |
|                   | 4X Non-Metallic | 13.30         | 11.29        | 7.10         | 12.75                   | 8.01                   | 12.9                  | 1          |
|                   | 4X Non-Metallic | 13.30         | 11.29        | 7.10         | 12.75                   | 8.01                   | 12.9                  | 1          |
| 200A (SCV) UL98   | 1               | 30.00         | 20.00        | 8.62         | 27.50                   | 15.00                  | 68.6                  | 2          |
|                   | 3R              | 30.00         | 14.00        | 8.00         | 31.00                   | 13.00                  | 88.6                  | 1          |
|                   | 12              | 30.00         | 20.00        | 8.00         | 28.50                   | 18.50                  | 70.1                  | 2          |
|                   | 4               | 30.00         | 20.00        | 8.00         | 28.50                   | 18.50                  | 70.1                  | 2          |
|                   | 4X Stainless    | 30.00         | 20.00        | 10.00        | 28.50                   | 18.50                  | 71.0                  | 1          |
|                   | 4X Non-Metallic | 32.87         | 25.00        | 11.81        | 34.72                   | 22.91                  | 59.3                  | 1          |
|                   | 4X Non-Metallic | 32.87         | 25.00        | 11.81        | 34.72                   | 22.91                  | 59.3                  | 1          |
| 400A (SCV) UL98   | 1               |               |              |              |                         |                        |                       |            |
|                   | 3R              |               |              |              |                         |                        |                       |            |
|                   | 12              |               |              |              |                         |                        |                       |            |
|                   | 4               |               |              |              |                         |                        |                       |            |
|                   | 4X Stainless    |               |              |              |                         |                        |                       |            |
|                   | 4X Non-Metallic |               |              |              |                         |                        |                       |            |
|                   | 4X Non-Metallic |               |              |              |                         |                        |                       |            |
| 600A (SC) UL98    | 1               |               |              |              |                         |                        |                       |            |
|                   | 3R              |               |              |              |                         |                        |                       |            |
|                   | 12              |               |              |              |                         |                        |                       |            |
|                   | 4               |               |              |              |                         |                        |                       |            |
|                   | 4X Stainless    |               |              |              |                         |                        |                       |            |
|                   | 4X Non-Metallic |               |              |              |                         |                        |                       |            |
|                   | 4X Non-Metallic |               |              |              |                         |                        |                       |            |
| 800A (SC) UL98    | 1               |               |              |              |                         |                        |                       |            |
|                   | 3R              |               |              |              |                         |                        |                       |            |
|                   | 12              |               |              |              |                         |                        |                       |            |
|                   | 4               |               |              |              |                         |                        |                       |            |
|                   | 4X Stainless    |               |              |              |                         |                        |                       |            |
|                   | 4X Non-Metallic |               |              |              |                         |                        |                       |            |
|                   | 4X Non-Metallic |               |              |              |                         |                        |                       |            |
| 1000A (SC) UL98   | 1               |               |              |              |                         |                        |                       |            |
|                   | 3R              |               |              |              |                         |                        |                       |            |
|                   | 12              |               |              |              |                         |                        |                       |            |
|                   | 4               |               |              |              |                         |                        |                       |            |
|                   | 4X Stainless    |               |              |              |                         |                        |                       |            |
|                   | 4X Non-Metallic |               |              |              |                         |                        |                       |            |
|                   | 4X Non-Metallic |               |              |              |                         |                        |                       |            |
| 1200A (SC) UL98   | 1               |               |              |              |                         |                        |                       |            |
|                   | 3R              |               |              |              |                         |                        |                       |            |
|                   | 12              |               |              |              |                         |                        |                       |            |
|                   | 4               |               |              |              |                         |                        |                       |            |
|                   | 4X Stainless    |               |              |              |                         |                        |                       |            |
|                   | 4X Non-Metallic |               |              |              |                         |                        |                       |            |
|                   | 4X Non-Metallic |               |              |              |                         |                        |                       |            |

Consult factory for 400A and above ratings since enclosure sizes can vary depending upon wiring method employed.

# FUSED DISCONNECT SWITCHES

| Switch Rating           | Enclosure Type  | H height (in) | W width (in) | D depth (in) | MH mounting height (in) | MW mounting width (in) | Shipping Weight (lbs) | Figure No. |
|-------------------------|-----------------|---------------|--------------|--------------|-------------------------|------------------------|-----------------------|------------|
| 30A (FBCC) Compact UL98 | 1               | 8.00          | 8.00         | 6.00         | 5.00                    | 7.00                   | 9.4                   | 2          |
|                         | 3R              | 8.00          | 8.00         | 6.00         | 9.00                    | 3.00                   | 10.3                  | 1          |
|                         | 12              | 9.84          | 7.87         | 5.91         | 9.13                    | 5.31                   | 10.8                  | 1          |
|                         | 4               | 9.84          | 7.87         | 5.91         | 9.13                    | 5.31                   | 10.8                  | 1          |
|                         | 4X Stainless    | 9.84          | 7.87         | 5.91         | 9.13                    | 5.31                   | 11.3                  | 2          |
|                         | 4X Non-Metallic | 11.31         | 9.31         | 5.43         | 10.75                   | 6.02                   | 7.8                   | 1          |
| 30A (FBCC) UL98         | 1               | 10.00         | 10.00        | 6.00         | 7.00                    | 9.00                   | 13.9                  | 2          |
|                         | 3R              | 8.00          | 8.00         | 6.00         | 9.00                    | 3.00                   | 12.1                  | 1          |
|                         | 12              | 10.00         | 8.00         | 6.00         | 10.75                   | 6.00                   | 14.4                  | 1          |
|                         | 4               | 10.00         | 8.00         | 6.00         | 10.75                   | 6.00                   | 13.9                  | 1          |
|                         | 4X Stainless    | 11.81         | 9.84         | 5.91         | 11.10                   | 7.28                   | 16.5                  | 1          |
|                         | 4X Non-Metallic | 11.31         | 9.31         | 6.93         | 10.75                   | 6.02                   | 9.7                   | 1          |
| 30A (FBJ) Compact UL98  | 1               | 10.00         | 10.00        | 6.00         | 7.00                    | 9.00                   | 12.4                  | 2          |
|                         | 3R              | 8.00          | 8.00         | 6.00         | 9.00                    | 3.00                   | 10.6                  | 1          |
|                         | 12              | 9.84          | 7.87         | 5.91         | 9.13                    | 5.31                   | 11.0                  | 2          |
|                         | 4               | 10.00         | 8.00         | 6.00         | 10.75                   | 6.00                   | 13.3                  | 1          |
|                         | 4X Stainless    | 9.84          | 7.87         | 5.91         | 9.13                    | 5.31                   | 11.7                  | 2          |
|                         | 4X Non-Metallic | 11.31         | 9.31         | 5.43         | 10.75                   | 6.02                   | 8.2                   | 1          |
| 30A (FBJ) UL98          | 1               | 12.00         | 12.00        | 8.00         | 9.00                    | 11.00                  | 18.3                  | 2          |
|                         | 3R              | 12.00         | 12.00        | 10.00        | 13.00                   | 5.00                   | 23.2                  | 1          |
|                         | 12              | 12.00         | 10.00        | 8.00         | 12.75                   | 8.00                   | 21.9                  | 1          |
|                         | 4               | 13.78         | 11.81        | 7.87         | 13.07                   | 9.25                   | 22.4                  | 2          |
|                         | 4X Stainless    | 13.78         | 11.81        | 7.87         | 13.07                   | 9.25                   | 24.3                  | 2          |
|                         | 4X Non-Metallic | 15.32         | 13.30        | 8.19         | 14.75                   | 10.00                  | 17.1                  | 1          |
| 60A (FBJ) UL98          | 1               | 12.00         | 12.00        | 8.00         | 9.00                    | 11.00                  | 18.2                  | 2          |
|                         | 3R              | 12.00         | 12.00        | 10.00        | 13.00                   | 5.00                   | 23.1                  | 1          |
|                         | 12              | 12.00         | 10.00        | 8.00         | 12.75                   | 8.00                   | 14.6                  | 1          |
|                         | 4               | 13.78         | 11.81        | 7.87         | 13.07                   | 9.25                   | 24.2                  | 2          |
|                         | 4X Stainless    | 13.78         | 11.81        | 7.87         | 13.07                   | 9.25                   | 24.2                  | 2          |
|                         | 4X Non-Metallic | 15.32         | 13.30        | 8.19         | 14.75                   | 10.00                  | 17.5                  | 1          |
| 100A (FBJ) UL98         | 1               | 20.00         | 16.00        | 8.62         | 17.88                   | 11.00                  | 35.2                  | 2          |
|                         | 3R              | 20.00         | 20.00        | 8.00         | 21.00                   | 13.00                  | 50.3                  | 1          |
|                         | 12              | 20.00         | 16.00        | 8.00         | 18.50                   | 14.50                  | 35.2                  | 1          |
|                         | 4               | 20.00         | 16.00        | 8.00         | 18.50                   | 14.50                  | 39.0                  | 2          |
|                         | 4X Stainless    | 20.00         | 16.00        | 8.00         | 18.50                   | 14.50                  | 38.1                  | 2          |
|                         | 4X Non-Metallic | 19.31         | 17.31        | 9.58         | 18.74                   | 12.00                  | 25.6                  | 1          |
| 200A (FBJ) UL98         | 1               | 30.00         | 20.00        | 8.62         | 27.50                   | 15.00                  | 68.8                  | 2          |
|                         | 3R              | 30.00         | 24.00        | 8.00         | 31.00                   | 13.00                  | 88.8                  | 1          |
|                         | 12              | 30.00         | 20.00        | 8.00         | 28.50                   | 18.50                  | 70.3                  | 2          |
|                         | 4               | 30.00         | 20.00        | 8.00         | 28.50                   | 18.50                  | 70.3                  | 2          |
|                         | 4X Stainless    | 30.00         | 20.00        | 10.00        | 28.50                   | 18.50                  | 71.2                  | 1          |
|                         | 4X Non-Metallic | 32.87         | 25.00        | 11.81        | 34.72                   | 22.91                  | 59.5                  | 1          |
| 400A (FBJ) UL98         | 1               |               |              |              |                         |                        |                       |            |
|                         | 3R              |               |              |              |                         |                        |                       |            |
|                         | 12              |               |              |              |                         |                        |                       |            |
|                         | 4               |               |              |              |                         |                        |                       |            |
|                         | 4X Stainless    |               |              |              |                         |                        |                       |            |
|                         | 4X Non-Metallic |               |              |              |                         |                        |                       |            |
| 600A (FBL) UL98         | 1               |               |              |              |                         |                        |                       |            |
|                         | 3R              |               |              |              |                         |                        |                       |            |
|                         | 12              |               |              |              |                         |                        |                       |            |
|                         | 4               |               |              |              |                         |                        |                       |            |
|                         | 4X Stainless    |               |              |              |                         |                        |                       |            |
|                         | 4X Non-Metallic |               |              |              |                         |                        |                       |            |
| 800A (FBL) UL98         | 1               |               |              |              |                         |                        |                       |            |
|                         | 3R              |               |              |              |                         |                        |                       |            |
|                         | 12              |               |              |              |                         |                        |                       |            |
|                         | 4               |               |              |              |                         |                        |                       |            |
|                         | 4X Stainless    |               |              |              |                         |                        |                       |            |
|                         | 4X Non-Metallic |               |              |              |                         |                        |                       |            |

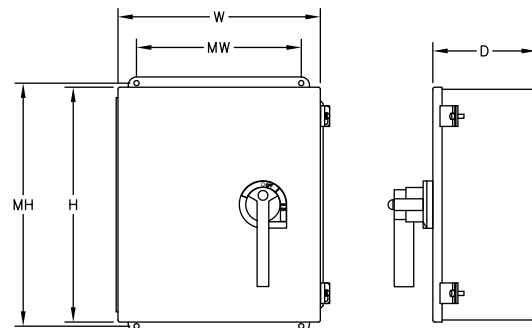


FIGURE 1

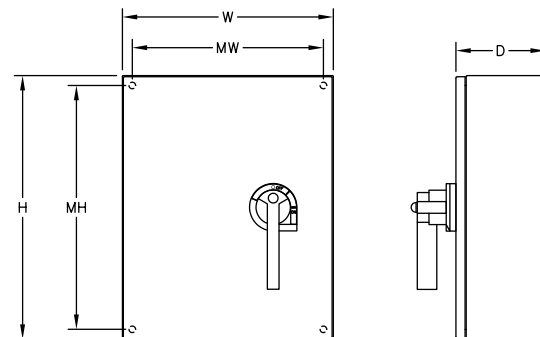


FIGURE 2

**Exterior Mounting - Figure 1**

**Interior Mounting - Figure 2**

Consult factory for 400A and above ratings since enclosure sizes can vary depending upon wiring method employed.