

# Switches

## Disconnect Switches

### Compact Non-Fusible — Rotary and Toggle

#### Features

- 25 -125 Ampere, to 75 hp 480V and 600V
- Rotary and Toggle actuation models
- LBR Type switches are padlockable in the OFF position and are UL & CUL listed under File No. E191706 as manual motor controllers per UL Standard UL508
- 3LD2 Type switches are padlockable in the OFF position and are UL listed under File No. E47705 per UL508 and are CSA certified under File No. 203576
- Base, DIN-rail and door mounting
- Multiple conductor, distribution terminal type rating LBR & LBT Type (40A -100A only)
- IEC 947-1 rated, CE marked
- Listed and marked "suitable as motor disconnect" per NEC Section 430-109

#### Application

Siemens Load Break Switches are listed as manual motor controllers and are suitable as motor disconnects. They are load break rated and act as enclosure disconnects when short circuit protection is provided upstream of the switch. If upstream over current protection is not provided, use a Siemens fusible Type VBII, CFS or MCS Disconnect Switch.

#### Ordering Information

**Door Mounted Switches (Rotary Type Only)** — Order either complete "3LD2" assemblies or individual "LBR" components as follows:

**Complete Assemblies** include switch, handle, and shaft. Certain 25 and 32A assemblies are also available with factory installed neutral blocks and/or aux. contacts. These accessories can also be ordered as field installed kits.

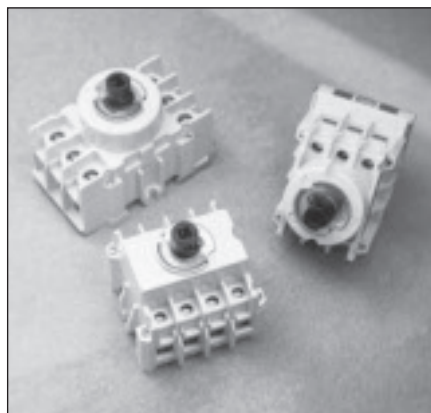
**Individual Components** are ordered as follows:

**25A** — LBR3025D switch + LBRH3 or 4 handle.

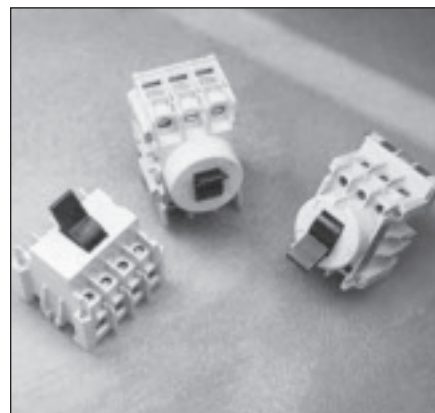
**40–100A** — LBR switch + LBRH3 or 4 handle + LBRD1.

Notes: (LBR Type switches only)

1. Aux contacts are available as field installed kits on 25A units only.
2. Lugs on 25A units face to the rear and lugs on 40–100A units face toward the front.



Type LBR Rotary Switches



Type LBT Toggle Switches



3LD2254-0TK51

**Base/DIN Rail Mounted Switches (Rotary or Toggle Type)** — Order individual components as follows:

**Toggle** — Order the LBT switch required and a toggle switch cover plate if needed.

**Rotary, Base Mounted with Door Mounted Handle** — Order "LBR" switch + door mounted handle + shaft + any accessories.

**Rotary, Base Mounted with Direct Mounted Handle** — Order "LBR" switch + direct mounted handle.

#### Short Circuit Withstand Ratings

| Switch Rating & Type | Max. Line Side Fuse Rating |
|----------------------|----------------------------|
|----------------------|----------------------------|

#### 5kA with Line Side Class H, K, or RK5 Fuses

|               |                           |
|---------------|---------------------------|
| 25 & 32A 3LD2 | 80A Max. at 600V AC Max.  |
| 63A 3LD2      | 175A Max. at 600V AC Max. |

#### 10kA with Line Side Class H, K, or RK5 Fuses

|                        |                           |
|------------------------|---------------------------|
| 25A LBR                | 30A Max. at 480V AC Max.  |
| 40A, 4P LBR & LBT      | 60A Max. at 480V AC Max.  |
| 40 & 60A, 3P LBR & LBT | 100A Max. at 480V AC Max. |
| 80 & 100A LBR & LBT    | 150A Max. at 480V AC Max. |

#### 18kA with Line Side Class J, T, or CC Fuses

|                       |                           |
|-----------------------|---------------------------|
| 40–100A, 3P LBR & LBT | 100A Max. at 480V AC Max. |
|-----------------------|---------------------------|

**Note:** 3LD2 switches are also rated 5kA at 600V AC Max. when protected by a 3RV motor starter with a FLA rating equal to or less than the switch ampere rating.

#### Door Mounted Complete Assemblies (Operator, Shaft, & Switch) 600V AC Max.②

| Shaft Mounted   |               | 4 Hole Mounted  |               | Number of Poles | Ampere Rating | AC Horsepower Ratings |            |         |         |     |
|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------------|------------|---------|---------|-----|
| Catalog Number③ | List Price \$ | Catalog Number③ | List Price \$ |                 |               | 120V 1Ø               | 240V 1Ø 3Ø | 480V 3Ø | 600V 3Ø |     |
| —               | —             | 3LD2003-1TP53①  |               | 3               | 16            | ½                     | 1½ 3       | 7½      | 10      |     |
| 3LD2154-0TK__   |               | 3LD2103-0TK__   |               | 3               | 25            | 2                     | 3          | 7½      | 10      | 15  |
| 3LD2154-1TP__   |               | 3LD2103-1TP__   |               | 3①              |               |                       |            |         |         |     |
| 3LD2154-1TL__   |               | 3LD2103-1TL__   |               | 3 + N           |               |                       |            |         |         |     |
| 3LD2154-2EP__   |               | 3LD2103-2EP__   |               | 3 + N①          |               |                       |            |         |         |     |
| 3LD2254-0TK__   |               | 3LD2203-0TK__   |               | 3               | 32            | 2                     | 3          | 10      | 20      | 20  |
| 3LD2254-1TL__   |               | 3LD2203-1TL__   |               | 3 + N           |               |                       |            |         |         |     |
| 3LD2555-0TK__   |               | 3LD2504-0TK__   |               | 3               | 63            | —                     | 10         | 15      | 40      | 50  |
| —               | —             | 3LD2704-0TK__   |               | 3               | 100           | —                     | —          | 30      | 60      | 75  |
| —               | —             | 3LD2804-0TK__   |               | 3               | 125           | —                     | —          | 40      | 75      | 100 |

■ Built to order. Allow 6–8 weeks for delivery.

① Includes auxiliary contacts (1 NO and 1 NC).

② Handles are IP65 rated and are also UL listed for Type 1, 4X and 12 applications.

③ Add 51 for a black handle or 53 for a red & yellow handle to the end of the catalog number.

### 3LD Type Base Mounted Complete Assemblies

(Operator, Shaft, & Switch) 600V AC Max.②

| Handle mounting <sup>②</sup> |               |                    |               |                      |               | Number of Poles | Ampere Rating | AC Horsepower Ratings |       |       |       |      |
|------------------------------|---------------|--------------------|---------------|----------------------|---------------|-----------------|---------------|-----------------------|-------|-------|-------|------|
| Shaft (center hole)          |               | 4 Hole (no defeat) |               | 4 Hole (with defeat) |               |                 |               | 120V                  | 240V  |       | 480V  | 600V |
| Catalog Number               | List Price \$ | Catalog Number     | List Price \$ | Catalog Number       | List Price \$ |                 |               | 1Ø                    | 1Ø    | 3Ø    | 3Ø    | 3Ø   |
| —                            |               | 3LD2103-0TK5_      |               | 3LD2017-0TK1_        |               | 3               | 16            | 1/2                   | 1 1/2 | 3     | 7 1/2 | 10   |
| —                            |               | —                  |               | 3LD2017-1TL1_        |               | 3 + N           |               |                       |       |       |       |      |
| 3LD2144-0TK5_                |               | 3LD2113-0TK5_      |               | —                    |               | 3               | 25            | 2                     | 3     | 7 1/2 | 10    | 15   |
| 3LD2144-1TL5_                |               | 3LD2113-1TL5_      |               | —                    |               | 3 + N           |               |                       |       |       |       |      |
| 3LD2244-0TK5_                |               | 3LD2213-0TK5_      |               | 3LD2217-0TK1_        |               | 3               | 32            | 2                     | 3     | 10    | 20    | 20   |
| 3LD2244-1TL53                |               | 3LD2213-1TL53      |               | 3LD2217-1TL1_        |               | 3 + N           |               |                       |       |       |       |      |
| 3LD2545-0TK5_                |               | 3LD2514-0TK5_      |               | 3LD2517-0TK1_        |               | 3               | 63            | —                     | 10    | 15    | 40    | 50   |
| —                            |               | —                  |               | 3LD2517-1TL1_        |               | 3 + N           |               |                       |       |       |       |      |
| —                            |               | 3LD2714-0TK5_      |               | —                    |               | 3               | 100           | —                     | —     | 30    | 60    | 75   |
| —                            |               | 3LD2814-0TK5_      |               | —                    |               | 3               | 125           | —                     | —     | 40    | 75    | 100  |

**Note:** Shaft length allows a maximum depth from switch mounting surface to the outside of the cover of 15.25" on 25 & 32A switches and of 15.75" on 63-125A switches.



3LD2217-0TK13

### Accessories for Front Mounted 3LD2 Switches

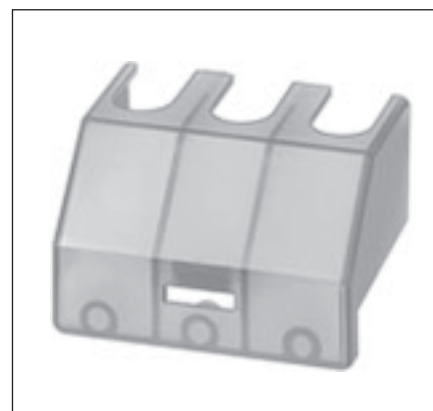
| Catalog Number | Description                               | Switches Used With | List Price \$ |
|----------------|-------------------------------------------|--------------------|---------------|
| 3LD9200-5B③    | 1 NO, 1 NC Aux. Contact                   | 25-125A            | —             |
| 3LD9200-5BF③   | 1 NO, 1 NC Aux. with Gold Plated Contacts | 25-125A            | —             |
| 3LD9220-2B     | Neutral/Ground Terminal                   | 25 & 32A           | —             |
| 3LD9250-2BA    | Neutral/Ground Terminal                   | 63A                | —             |
| 3LD9280-2B     | Neutral/Ground Terminal                   | 100 & 125A         | —             |
| 3LD9220-0B     | 4th Pole (leading ON, lagging OFF)        | 25 & 32A           | —             |
| 3LD9250-0BA    | 4th Pole (leading ON, lagging OFF)        | 63A                | —             |
| 3LD9280-0B     | 4th Pole (leading ON, lagging OFF)        | 100 & 125A         | —             |
| 3LD9224-1B①    | Black Handle (4 hole mtg.)                | 25 & 32A           | —             |
| 3LD9284-1B①    | Black Handle (4 hole mtg.)                | 63-125A            | —             |
| 3LD9224-3B①    | Red/Yellow Handle (4 hole mtg.)           | 25 & 32A           | —             |
| 3LD9284-3B①    | Red/Yellow Handle (4 hole mtg.)           | 63-125A            | —             |
| 3LD9224-1D①    | Black Handle (shaft mtg.)④                | 25 & 32A           | —             |
| 3LD9284-1D①    | Black Handle (shaft mtg.)④                | 63-125A            | —             |
| 3LD9224-3D①    | Red/Yellow Handle (shaft mtg.)④           | 25 & 32A           | —             |
| 3LD9284-3D①    | Red/Yellow Handle (shaft mtg.)④           | 63-125A            | —             |
| 3LD9221-2A①    | Terminal Cover 1P (Pack of 4)             | 25 & 32A           | —             |
| 3LD9251-2A①    | Terminal Cover 1P (Pack of 4)             | 63A                | —             |
| 3LD9281-2A①    | Terminal Cover 1P (Pack of 4)             | 100-125A           | —             |
| 3LD9221-0A①    | Terminal Cover 3P (Pack of 4)             | 25 & 32A           | —             |
| 3LD9251-0A①    | Terminal Cover 3P (Pack of 4)             | 63A                | —             |



3LD9220-2C

### Accessories for Base Mounted 3LD2 Switches

| Catalog Number | Description                               | Switches Used With | List Price \$ |
|----------------|-------------------------------------------|--------------------|---------------|
| 3LD9200-5C③    | 1 NO, 1 NC Aux. Contact                   | 25-125A            | —             |
| 3LD9200-5CF③   | 1 NO, 1 NC Aux. with Gold Plated Contacts | 25-125A            | —             |
| 3LD9220-2C     | Neutral/Ground Terminal                   | 25 & 32A           | —             |
| 3LD9250-2CA    | Neutral/Ground Terminal                   | 63A                | —             |
| 3LD9280-2C     | Neutral/Ground Terminal                   | 100 & 125A         | —             |
| 3LD9220-0C     | 4th Pole (leading ON, lagging OFF)        | 25 & 32A           | —             |
| 3LD9250-0CA    | 4th Pole (leading ON, lagging OFF)        | 63A                | —             |
| 3LD9280-0C     | 4th Pole (leading ON, lagging OFF)        | 100 & 125A         | —             |
| 3LD9224-1B①    | Black Handle (4 hole mtg. no defeat)      | 25 & 32A           | —             |
| 3LD9284-1B①    | Black Handle (4 hole mtg. no defeat)      | 63-125A            | —             |
| 3LD9224-3B①    | Red/Yellow Handle (4 hole mtg. no defeat) | 25 & 32A           | —             |
| 3LD9284-3B①    | Red/Yellow Handle (4 hole mtg. no defeat) | 63-125A            | —             |
| 3LD9224-1D①    | Black Handle (shaft mtg.)                 | 25 & 32A           | —             |
| 3LD9284-1D①    | Black Handle (shaft mtg.)                 | 63-125A            | —             |
| 3LD9224-3D①    | Red/Yellow Handle (shaft mtg.)            | 25 & 32A           | —             |
| 3LD9284-3D①    | Red/Yellow Handle (shaft mtg.)            | 63-125A            | —             |
| 3LD9221-2A①    | Terminal Cover 1P (Pack of 4)             | 25 & 32A           | —             |
| 3LD9251-2A①    | Terminal Cover 1P (Pack of 4)             | 63A                | —             |
| 3LD9281-2A①    | Terminal Cover 1P (Pack of 4)             | 100-125A           | —             |
| 3LD9221-0A①    | Terminal Cover 3P (Pack of 4)             | 25 & 32A           | —             |
| 3LD9251-0A①    | Terminal Cover 3P (Pack of 4)             | 63A                | —             |



3LD9251-0A

① Handles and line side terminal covers are supplied as standard with 3LD2 switches.

② Add suffix 1 for a black or 3 for a red & yellow handle to the catalog number (except 3LD2244-1TL53 & 3LD2213-1TL53). Handles are IP65 rated and are also listed by UL for Type 1, 4X and 12 applications.

③ Aux. contacts break about 30 Ms before and make about 3 Ms after main switch contacts.

|         |      |            |
|---------|------|------------|
| Ratings | 10A  | at 120V AC |
|         | 6A   | at 240V AC |
|         | 1.4A | at 480V AC |

④ Can be used as replacement handles on enclosed 3LD2 switches.

# Switches

## Disconnect Switches

### Compact Non-Fusible — Rotary and Toggle

#### Individual Components

#### Rotary and Toggle Switches

| Catalog Number        | Switch Type | No. of Poles | Ampere Rating | Max AC Volt | AC Horsepower Ratings |      |    |      |      | List Price \$ |
|-----------------------|-------------|--------------|---------------|-------------|-----------------------|------|----|------|------|---------------|
|                       |             |              |               |             | 115V                  | 240V |    | 480V | 600V |               |
|                       |             |              |               |             | 1Ø                    | 1Ø   | 3Ø | 3Ø   | 3Ø   |               |
| LBR3025               | Rotary      | 3            | 25            | 480         | ¾                     | 2    | 5  | 10   | —    |               |
| LBR3025D <sup>⑥</sup> | Rotary      | 3            | 25            | 480         | ¾                     | 2    | 5  | 10   | —    |               |
| LBR3040 <sup>②</sup>  | Rotary      | 3            | 40            | 600         | 2                     | 3    | 7½ | 20   | 25   |               |
| LBR3060 <sup>②</sup>  | Rotary      | 3            | 60            | 480         | 2                     | 5    | 10 | 25   | —    |               |
| LBR3080 <sup>②</sup>  | Rotary      | 3            | 80            | 600         | 3                     | 10   | 20 | 40   | 50   |               |
| LBR3100 <sup>②</sup>  | Rotary      | 3            | 100           | 480         | 5                     | 15   | 25 | 50   | —    |               |
| LBR4040               | Rotary      | 4            | 40            | 480         | 2                     | 3    | 7½ | 20   | —    |               |
| LBT3040               | Toggle      | 3            | 40            | 600         | 2                     | 3    | 7½ | 20   | 25   |               |
| LBT3060               | Toggle      | 3            | 60            | 480         | 2                     | 5    | 10 | 25   | —    |               |
| LBT3080               | Toggle      | 3            | 80            | 600         | 3                     | 10   | 20 | 40   | 50   |               |
| LBT3100               | Toggle      | 3            | 100           | 480         | 5                     | 15   | 25 | 50   | —    |               |
| LBT4040               | Toggle      | 4            | 40            | 480         | 2                     | 3    | 7½ | 20   | —    |               |



Standard Duty Rotary Switch Door Handles



Heavy Duty Rotary Switch Door Handle

#### LBR Type Handles

| Catalog Number                                                 | Used on Rotary Switches                                                    | NEMA Type                           | Mounting                                                     | Marking                              | Color                            | Cover Interlock Supplied                   | Padlockable              | List Price \$ |
|----------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------|--------------------------------------|----------------------------------|--------------------------------------------|--------------------------|---------------|
| Standard Duty                                                  |                                                                            |                                     |                                                              |                                      |                                  |                                            |                          |               |
| LBRH2 <sup>②</sup><br>LBRH3 <sup>②</sup><br>LBRH4 <sup>②</sup> | All<br>All<br>All                                                          | 1<br>1, 3R, 12, 4X<br>1, 3R, 12, 4X | Door<br>Door<br>Door                                         | ON/OFF<br>O/I, ON/OFF<br>O/I, ON/OFF | Black<br>Black<br>Red/Yel        | No<br>Yes <sup>①</sup><br>Yes <sup>①</sup> | No<br>Yes<br>Yes         |               |
| LBRH9 <sup>②</sup><br>LBRH10 <sup>②</sup>                      | All (Pistol Grip Type)<br>All (Pistol Grip Type)                           | 1, 3R, 12, 4X<br>1, 3R, 12, 4X      | Door<br>Door                                                 | O/I, ON/OFF<br>O/I, ON/OFF           | Black<br>Red/Yel                 | Yes<br>Yes                                 | Yes<br>Yes               |               |
| LBRH5<br>LBRH6<br>LBRH7<br>LBRH8                               | 25 Amps<br>3-Pole, 40-60 Amps<br>3-Pole, 80-100 Amps<br>4-Pole, 40-60 Amps | 1<br>1<br>1<br>1                    | Direct Mount<br>Direct Mount<br>Direct Mount<br>Direct Mount | O/I<br>O/I<br>O/I<br>O/I             | Black<br>Black<br>Black<br>Black | —<br>—<br>—<br>—                           | Yes<br>Yes<br>Yes<br>Yes |               |
| Heavy Duty                                                     |                                                                            |                                     |                                                              |                                      |                                  |                                            |                          |               |
| CFSH10B12<br>CFSH10R12                                         | All<br>All                                                                 | 1, 3R, 12<br>1, 3R, 12              | Door<br>Door                                                 | O/I, ON/OFF<br>O/I, ON/OFF           | Black<br>Red/Yel                 | Yes<br>Yes                                 | Yes<br>Yes               |               |

#### LBR Type Rotary Shafts

| Catalog No                | Length In. (mm) | List Price \$ |
|---------------------------|-----------------|---------------|
| For Standard Duty Handles |                 |               |
| LBR040                    | 1.57 (40)       |               |
| LBR050                    | 1.97 (50)       |               |
| LBR055                    | 2.17 (55)       |               |
| LBR080                    | 3.15 (80)       |               |
| LBR120                    | 4.72 (120)      |               |
| LBR180                    | 7.09 (180)      |               |
| LBR305                    | 12.00 (305)     |               |
| For Heavy Duty Handles    |                 |               |
| CFSS5200H                 | 7.9 (200)       |               |
| CFSS5400H                 | 15.7 (400)      |               |



Rotary Shafts



Rotary Switch Direct Mount Handles



Toggle Switch Cover Plates

#### 25 Amp, 4th Pole

| Used on Catalog No | Catalog No | List Price \$ |
|--------------------|------------|---------------|
| LBR3025            | LBRP25     |               |
| LBR3025D           | LBRP25D    |               |

#### Auxiliary Switch Kits

| Used on Rotary Switch | Catalog Number       | Contact Arrangement         | List Price \$ |
|-----------------------|----------------------|-----------------------------|---------------|
| LBR3025               | LBRA25 <sup>④</sup>  | 1 NO & 1 NC                 |               |
| LBR3025D              | LBRA25D <sup>④</sup> | 1 NO & 1 NC                 |               |
| LBR3040, LBR3060      | LBRA1 <sup>④</sup>   | 1 NO/1 NC with common point |               |
| LBR3080, LBR3100      | LBRA2 <sup>④</sup>   | 1 NO/1 NC with common point |               |

#### LBR Type Toggle Switch Cover Plate

| Used on Toggle Switches                         | Catalog Number             | List Price \$ |
|-------------------------------------------------|----------------------------|---------------|
| LBT3040, LBT3060<br>LBT3080, LBT3100<br>LBT4040 | LBTCP1<br>LBTCP2<br>LBTCP3 |               |

#### LBR Type Rotary Switch Door Mounting Kit (For use with LBRH3 & LBRH4 only)

| Used on Rotary Switch | Catalog Number | List Price \$ |
|-----------------------|----------------|---------------|
| 40-100 Amps           | LBRD1          |               |

#### LBR/LBT Neutral Kit<sup>⑤</sup>

| Used with Catalog Number | Catalog Number | List Price \$ |
|--------------------------|----------------|---------------|
| All                      | HF63CX         |               |

① No cover interlock defeat mechanism provided. To eliminate cover interlock, order additional catalog number LBRDC1.

② LBRH2 is IP54 rated. All others are IP65.

③ Ratings

15.1A resistive at 250V AC max.

.5A at 125V DC

.25A at 250V DC

.5 HP at 250V AC max.

④ Auxiliary switch contacts break about 30 Ms before and make about 3 Ms after main switch contacts.

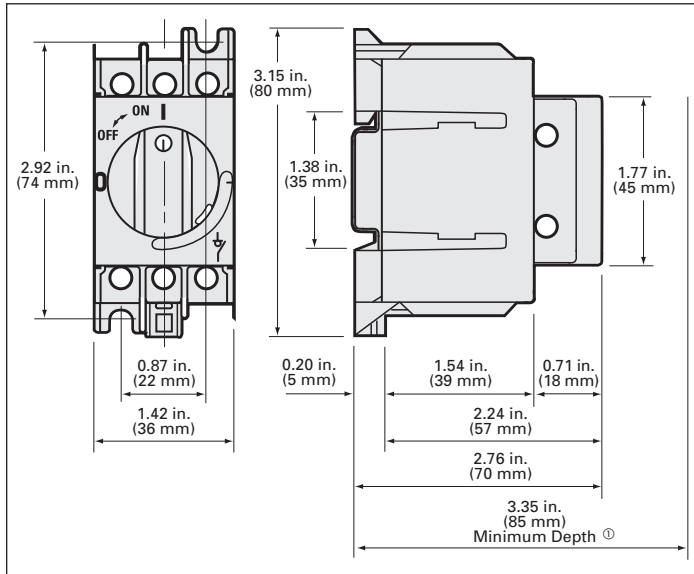
⑤ Lug wire ranges:

HF63CX — (1) #14-2 AWG 60/75°C Cu only

⑥ Only door mountable and for use with LBRH3 & 4 handles only.

⑦ For door mounting of 40–100A LBR switches use door mounting kit LBRD1 & LBRH3 or 4 handle.

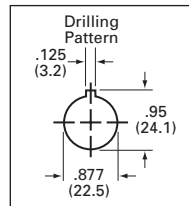
### Dimension Drawings and Wire Ranges



LBR 3025

### Wire Ranges 60/75°C Cu only

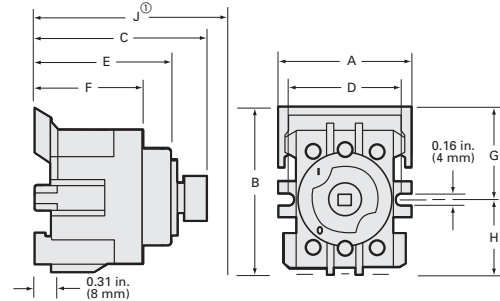
|                                                           |                                                                                                                                                                                                     |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 25 Amps LBR                                               | (1) #14 - #10 AWG Solid<br>(1) #14 - #8 AWG Stranded                                                                                                                                                |
| 40 & 60 Amps LBR & LBT                                    | (1) #14 - #10 AWG Solid<br>(1) #14 - #4 AWG Stranded<br>Up to (4) #12 AWG Solid<br>Up to (3) #12 AWG Stranded<br>Up to (6) #14 AWG Stranded<br>Up to (4) #14 AWG Stranded with (1) #10 AWG Stranded |
| 80 & 100 Amps LBR & LBT                                   | (1) #14 - #10 AWG Solid<br>(1) #14 - #1 AWG Stranded<br>(2) #6 AWG Stranded<br>Up to (3) #8 AWG Stranded<br>Up to (6) #10 AWG Stranded<br>Up to (6) #12 AWG Solid                                   |
| 25A, 3LD21<br>32A, 3LD22<br>63A, 3LD25<br>100, 125A, 3LD2 | (1) #14-8 AWG<br>(1) #14-8 AWG<br>(1) #14-6 AWG<br>(1) #12-1 AWG                                                                                                                                    |



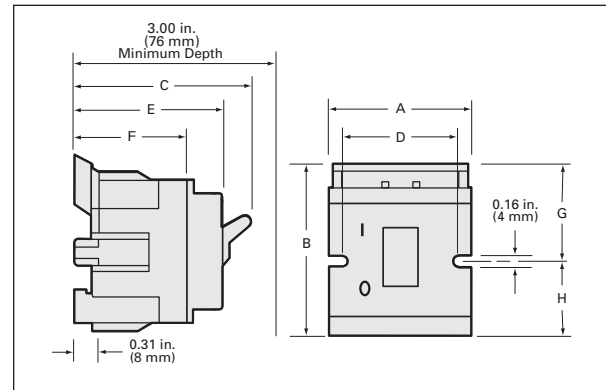
Shaft Mounted  
3LD2 Handle Cutout

### Dimension J Minimum Depth<sup>①</sup>

| Switch                                    | Dimension J |
|-------------------------------------------|-------------|
| LBR 40-100A                               | 3.35 (85)   |
| 3LD2 25 & 32A Front Shaft Mounted         | 3.07 (78)   |
| 3LD2 63 Front Shaft Mounted               | 3.35 (85)   |
| 3LD2 25 & 32A Front 4-hole Mounted        | 2.13 (54)   |
| 3LD2 63A Front 4-hole Mounted             | 2.48 (63)   |
| 3LD2 100 & 125A Front 4-hole Mounted      | 2.56 (65)   |
| 3LD2 25 & 32A Base w/shaft Mtg. Handle    | 6.46 (164)  |
| 3LD2 63A Base w/shaft Mtg. Handle         | 6.77 (172)  |
| 3LD2 25 & 32A Base w/4-hole Mtg. Handle   | 5.59 (142)  |
| 3LD2 63A Base w/4-hole Mtg. Handle        | 5.99 (152)  |
| 3LD2 100 & 125A Base w/4-hole Mtg. Handle | 6.07 (154)  |



LBR 40-100 Amps & 3LD2 25-125A



LBT Toggle — 40-100 Amps

| Switch Type       | Switch Catalog Number  | Dimensions Inches (mm) |           |           |           |           |           |           |           |
|-------------------|------------------------|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                   |                        | A                      | B         | C         | D         | E         | F         | G         | H         |
| Rotary            | LBR3040                | 2.00 (51)              | 2.72 (69) | 2.72 (69) | 1.78 (45) | 2.16 (55) | 1.67 (42) | 1.50 (38) | 1.22 (31) |
| Rotary            | LBR3060                | 2.00 (51)              | 2.72 (69) | 2.72 (69) | 1.78 (45) | 2.16 (55) | 1.67 (42) | 1.50 (38) | 1.22 (31) |
| Rotary            | LBR3080                | 2.09 (53)              | 3.32 (84) | 2.92 (74) | 1.97 (50) | 2.29 (58) | 1.69 (42) | 1.66 (42) | 1.66 (42) |
| Rotary            | LBR3100                | 2.09 (53)              | 3.32 (84) | 2.92 (74) | 1.97 (50) | 2.29 (58) | 1.69 (42) | 1.66 (42) | 1.66 (42) |
| Rotary            | LBR4040                | 2.42 (61)              | 2.72 (69) | 2.72 (69) | 2.28 (58) | 2.16 (55) | 1.67 (42) | 1.50 (38) | 1.22 (31) |
| Rotary Front Mtg. | 3LD21 & 2 <sup>②</sup> | 1.81 (46)              | 2.17 (55) | 1.97 (50) | —         | —         | —         | —         | —         |
| Rotary Front Mtg. | 3LD25 <sup>②</sup>     | 2.36 (60)              | 2.52 (64) | 2.32 (59) | —         | —         | —         | —         | —         |
| Rotary Front Mtg. | 3LD27 & 8              | 2.40 (61)              | 3.27 (83) | 2.40 (61) | —         | —         | —         | —         | —         |
| Rotary Base Mtg.  | 3LD21 & 2              | 1.81 (46)              | 2.17 (55) | 2.29 (58) | —         | —         | —         | —         | —         |
| Rotary Base Mtg.  | 3LD25                  | 2.36 (60)              | 2.52 (64) | 2.68 (68) | —         | —         | —         | —         | —         |
| Rotary Base Mtg.  | 3LD27 & 8              | 2.80 (71)              | 3.27 (83) | 2.76 (70) | —         | —         | —         | —         | —         |
| Toggle            | LBT3040                | 2.00 (51)              | 2.72 (69) | 2.75 (70) | 1.78 (45) | 2.16 (55) | 1.67 (42) | 1.50 (38) | 1.22 (31) |
| Toggle            | LBT3060                | 2.00 (51)              | 2.72 (69) | 2.75 (70) | 1.78 (45) | 2.16 (55) | 1.67 (42) | 1.50 (38) | 1.22 (31) |
| Toggle            | LBT3080                | 2.09 (53)              | 3.32 (84) | 2.90 (74) | 1.97 (50) | 2.29 (58) | 1.69 (42) | 1.66 (42) | 1.66 (42) |
| Toggle            | LBT3100                | 2.09 (53)              | 3.32 (84) | 2.90 (74) | 1.97 (50) | 2.29 (58) | 1.69 (42) | 1.66 (42) | 1.66 (42) |
| Toggle            | LBT4040                | 2.42 (61)              | 2.72 (69) | 2.75 (70) | 2.28 (58) | 2.16 (55) | 1.67 (42) | 1.50 (38) | 1.22 (31) |

① Depth from outside of cover to back of switch.

② Handle front plate dimensions:  
3LD21 & 2—2.64 inches square  
3LD25, 7 & 8—3.55 inches square