



|     |     |         |     |     |     |   |    |   |    |     |     |     |     |     |     |
|-----|-----|---------|-----|-----|-----|---|----|---|----|-----|-----|-----|-----|-----|-----|
| 30  | 3   | 7.5     | 7.5 | 15  | 20  | 2 | 3  | 3 | 5  | 5.5 | 11  | 15  | —   | —   | —   |
|     |     |         |     |     |     |   |    |   |    |     |     |     | 30  | —   | H   |
|     |     |         |     |     |     |   |    |   |    |     |     |     | 30  | —   | R   |
|     |     |         |     |     |     |   |    |   |    |     |     |     | —   | 30  | H/J |
|     |     |         |     |     |     |   |    |   |    |     |     |     | —   | 30  | R   |
| 60  | 7.5 | 15      | 15  | 30  | 50  | 3 | 10 | 5 | 10 | 11  | 22  | 37  | —   | —   | —   |
|     |     |         |     |     |     |   |    |   |    |     |     |     | —   | 60  | H/J |
|     |     |         |     |     |     |   |    |   |    |     |     |     | —   | 60  | R   |
| 100 | —   | 25      | 30  | 60  | 75  | — | —  | — | 20 | 22  | 45  | 55  | —   | —   | —   |
|     |     |         |     |     |     |   |    |   |    |     |     |     | 100 | 100 | H/J |
|     |     |         |     |     |     |   |    |   |    |     |     |     | 100 | 100 | R   |
| 200 | —   | 50...60 | 60  | 125 | 150 | — | —  | — | 40 | 48  | 90  | 110 | —   | —   | —   |
|     |     |         |     |     |     |   |    |   |    |     |     |     | 200 | 200 | H/J |
|     |     |         |     |     |     |   |    |   |    |     |     |     | 200 | 200 | R   |
| 400 | —   | 75      | 125 | 250 | 350 | — | —  | — | 50 | 90  | 185 | 257 | —   | —   | —   |
|     |     |         |     |     |     |   |    |   |    |     |     |     | 400 | 400 | H/J |
|     |     |         |     |     |     |   |    |   |    |     |     |     | 400 | 400 | R   |
| 600 | —   | 150     | 200 | 400 | 500 | — | —  | — | 50 | 150 | 295 | 375 | —   | —   | —   |
|     |     |         |     |     |     |   |    |   |    |     |     |     | 600 | 600 | J   |

★ Ratings based on utilizing two poles in series to break one line of the DC supply voltage and the remaining pole breaking the second DC supply.

‡ Class J fuses bolt directly to the switch and trailer fuse block.

§ Switch can be converted in the field for left-hand operation.

## Kit Accessories

### Bulletin 1494V Kit Accessories — Field Installed

| Description                                             |                 | Suffix Code |   | Switch Size |      |       |       |       |       |
|---------------------------------------------------------|-----------------|-------------|---|-------------|------|-------|-------|-------|-------|
|                                                         |                 |             |   | 30 A        | 60 A | 100 A | 200 A | 400 A | 600 A |
| Longer connecting rod (9-1/2...23 in.)                  |                 | A           |   | A           | A    | A     | A     | A     | A     |
| Disconnect handle — Stainless steel                     |                 | ◆           | B | A           | A    | A     | A     | A     | A     |
| Disconnect handle — Non-metallic                        |                 | ◆           | C | A           | A    | A     | A     | —     | —     |
| Standard size wire connecting lugs — Line and load side |                 | D           |   | Included    | A    | A     | A     | A     | A     |
| Oversize wire connecting lugs — Line and load side      |                 | D1          |   | —           | —    | —     | A     | A     | —     |
| Protective fuse cover with door                         |                 | E           |   | A           | A    | A     | A     | A     | A     |
| Auxiliary contact                                       | 1 N.O.          | F           |   | A           | A    | A     | A     | A     | A     |
|                                                         | 2 N.O.          | FF          |   | A           | A    | A     | A     | A     | A     |
|                                                         | 1 N.C.          | G           |   | A           | A    | A     | A     | A     | A     |
|                                                         | 2 N.C.          | GG          |   | A           | A    | A     | A     | A     | A     |
| Electrical interlock (Early break)                      | 1 N.O. & 1 N.C. | H           |   | A           | A    | A     | A     | A     | A     |
|                                                         | 2 N.O. & 2 N.C. | HH          |   | A           | A    | A     | A     | A     | A     |

## Disconnect Switches

|     |         |     |     |     |   |    |    |     |     |     |             |    |
|-----|---------|-----|-----|-----|---|----|----|-----|-----|-----|-------------|----|
| 30  | 7.5     | 7.5 | 15  | 20  | 2 | 3  | 5  | 5.5 | 11  | 15  | 1494V-DS30  | 14 |
| 60  | 15      | 15  | 30  | 50  | 3 | 10 | 10 | 11  | 22  | 37  | 1494V-DS60  | 14 |
| 100 | 25      | 30  | 60  | 75  | — | —  | 20 | 22  | 45  | 55  | 1494V-DS100 | 14 |
| 200 | 50...60 | 60  | 125 | 150 | — | —  | 40 | 48  | 90  | 110 | 1494V-DS200 | 14 |
| 400 | 75      | 125 | 250 | 350 | — | —  | 50 | 90  | 185 | 257 | 1494V-DS400 | 14 |
| 600 | 150     | 200 | 400 | 500 | — | —  | 50 | 150 | 295 | 375 | 1494V-DS600 | \$ |

‡ Ratings based on utilizing two poles in series to break one line of the DC supply voltage and the remaining pole breaking the second DC supply voltage.

§ Switch can be converted in the field for left-hand operation.

## Connecting Rods

Dimensions are in inches (millimeters). Approximate dimensions are not intended for manufacturing purposes.

| Disconnect Switch Size [A] | Enclosure Depth $\Delta$ |              | Cat. No.  |           |
|----------------------------|--------------------------|--------------|-----------|-----------|
|                            | Minimum                  | Maximum      |           |           |
| 30, 60, 100, 200           | 6-3/4 (172)              | 9-1/8 (232)  | 1494V-RA3 |           |
|                            | 6-3/4 (172)              | 21-5/8 (549) | 1494V-RA4 |           |
| 400, 600                   | 9-1/2 (241)              | 10 (254)     | ◆         | 1494V-RB3 |
|                            | 9-1/2 (241)              | 23 (584)     | ◆         | 1494V-RB4 |

$\Delta$  Enclosure depth is measured from the top of the flange to the disconnect switch mounting surface (mm).

◆ Kit includes two connecting rods.

## Operating Handles

| Handle Type | Description | Mounting | Disconnect Switch Size [A] | Cat. No. |
|-------------|-------------|----------|----------------------------|----------|
|-------------|-------------|----------|----------------------------|----------|

|                       |                 |                      |                  |          |
|-----------------------|-----------------|----------------------|------------------|----------|
| Type 1, 3R, 4, 4X, 12 | Nonmetallic     | Right or Left Flange | 30, 60, 100, 200 | 1494F-P1 |
| Type 1, 3R, 4, 12     | Painted Metal   | Right or Left Flange | 30, 60, 100, 200 | 1494F-M1 |
|                       |                 |                      | 400, 600         | 1494F-M2 |
| Type 4, 4X            | Stainless Steel | Right or Left Flange | 30, 60, 100, 200 | 1494F-S1 |
|                       |                 |                      | 400, 600         | 1494F-S2 |

## Trailer Fuse Block Kits

For Class H, J, or R fuses, select the proper fuse clip kit from the table below.

| Disconnect Switch Size [A]         | Cat. No.     |             |
|------------------------------------|--------------|-------------|
| 30                                 | 1494V-FS30   |             |
| 60                                 | 1494V-FS60   |             |
| 100                                | 1494V-FS100  |             |
| 200                                | &            | 1494V-FS200 |
| 400                                | 1494V-FS400  |             |
| 600 — 600 A Class J fuse           | 1494V-FS600  |             |
| 600 — 400 A Class H, J, and R fuse | 1494V-FSV400 |             |
| 600 — 600 A Class H fuse           | ∇            | 1491-N621   |
| 600 — 600 A Class R fuse           | ∇            | 1491-R621   |

& When installing 400 A Class J fuses, use adapter kit that bolts to the switch (Cat. No. 1401-N171). Fuse clips are not required.

∇ Separately mounted fuse blocks (3 required).

## Fuse Clip Kits

Includes six clips and mounting hardware.

| Fuse Class | Fuse Clip Rating [A] |      | For Use With                                                   | Cat. No. |
|------------|----------------------|------|----------------------------------------------------------------|----------|
|            | 250V                 | 600V |                                                                |          |
| H          | 30                   | —    | 1494C, 1494F,<br>1494G, 1494M,<br>1494V Disconnect<br>Switches | 1401-N41 |
|            | 60                   | 30   |                                                                | 1401-N42 |
|            | —                    | 60   |                                                                | 1401-N43 |
|            | 100                  | 100  |                                                                | 1401-N44 |
|            | 200                  | 200  |                                                                | 1401-N45 |
|            | 400                  | 400  |                                                                | 1401-N46 |
|            | 600                  | 600  |                                                                | ♣        |
| J          | 30                   | 30   |                                                                | 1401-N42 |
|            | 60                   | 60   |                                                                | 1401-N43 |
|            | 100                  | 100  |                                                                | 1401-N44 |
|            | 200                  | 200  |                                                                | 1401-N45 |
|            | 400                  | 400  |                                                                | 1401-N46 |
|            | 600                  | 600  |                                                                | #        |
| R          | 30                   | —    |                                                                | 1401-N50 |
|            | 60                   | 30   |                                                                | 1401-N51 |
|            | —                    | 60   |                                                                | 1401-N52 |
|            | 100                  | 100  |                                                                | 1401-N53 |
|            | 200                  | 200  |                                                                | 1401-N54 |
|            | 400                  | 400  |                                                                | 1401-N55 |
|            | 600                  | 600  |                                                                | ♣        |

# Fuse clips not required: fuse bolts directly to terminal.

♣ Included with Bulletin 1491 separately mounted fuse blocks.

