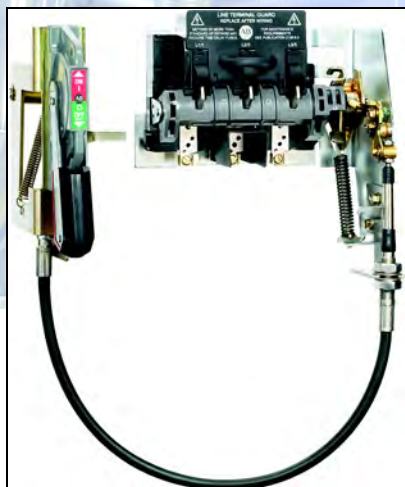
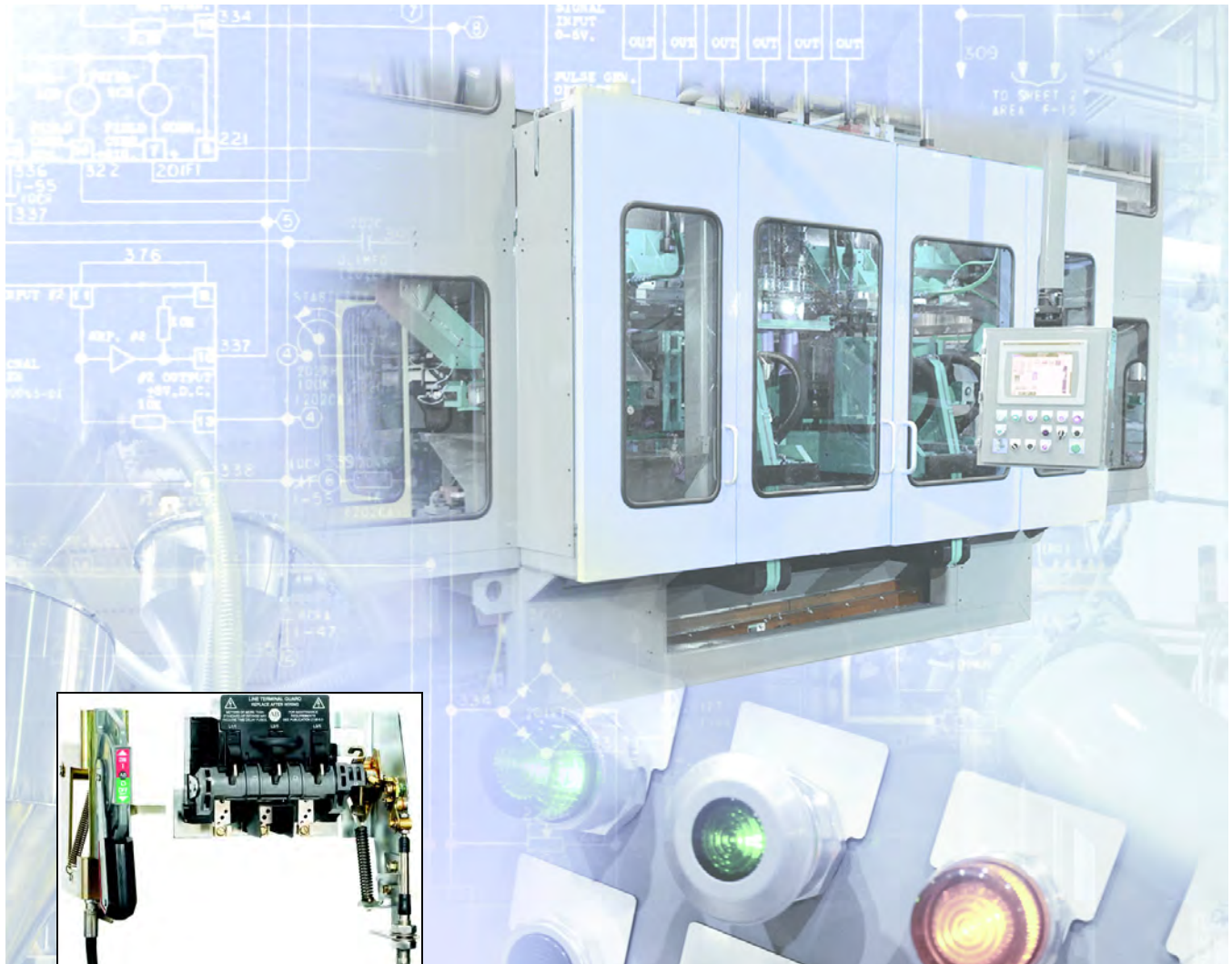


# 1494C Visible-Blade, Cable-Operated Disconnect Switch

Catalog Number 1494C



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THINK.  
SOLVE.**

# 1494C Disconnect Switch Components

## Disconnect Switches

| Continuous Current Rating [A]<br>600V AC<br>250V DC | Maximum Hp - UL and CSA Applications |      |      |      | 1-Phase, AC |      |      | DC         | Maximum kW - IEC Applications (Category AC 23) |            |   | Switch with Right-Hand Mechanism<br>Cat. No. |   | Switch with Left-Hand Mechanism<br>Cat. No. |  |
|---|--------------------------------------|------|------|------|-------------|------|------|------------|--|------------|---|--|---|---|--|
|   | 3-Phase, 60 Hz                       |      |      |      | 115V        | 230V | 250V |            | 3-Phase, 50 Hz                                 |            |   |  |   |   |  |
|   | 200...208V                           | 230V | 460V | 575V |             |      |      | 220...240V | 380...440V                                     | 500...600V |   |  |   |   |  |
| 200   | 50...60                              | 60   | 125  | 150  | —           | —    | 40   | 48         | 90   | 110        | ① | 1494F-D200                                   | ① | 1494F-DX200                                 |  |
| 400   | 75                                   | 125  | 250  | 350  | —           | —    | 50   | 90         | 185  | 257        |   | 1494F-D400                                   |   | 1494F-DX400                                 |  |
| 600   | 150                                  | 200  | 400  | 500  | —           | —    | 50   | 150        | 295  | 375        |   | 1494F-D600                                   | ② | 1494F-D600                                  |  |

① To install 400 A, class J fuses, adapter kit 1401-N171 is required.

② Must be converted in the field for left-hand operation.

## Operating Handles

| Handle Type           | Description     | Mounting             | Disconnect Switch Size [A] | Cat. No. |
|-----------------------|-----------------|----------------------|----------------------------|----------|
| Type 1, 3R, 4, 4X, 12 | Nonmetallic     | Right or Left Flange | 200                        | 1494F-P1 |
| Type 1, 3R, 4, 12     | Painted Metal   |                      | 200                        | 1494F-M1 |
|                       |                 |                      | 400, 600                   | 1494F-M2 |
| Type 4, 4X            | Stainless Steel |                      | 200                        | 1494F-S1 |
|                       |                 |                      | 400, 600                   | 1494F-S2 |

## Fuse Clip Kits -

Includes six clips and mounting hardware

| Fuse Class | Fuse Clip Rating [A] |      | Cat. No. |
|------------|----------------------|------|----------|
|            | 250V                 | 600V |          |
| H, J       | 200                  | 200  | 1401-N45 |
|            | 400                  | 400  | 1401-N46 |
| J          | 600                  | 600  | ③        |
| R          | 200                  | 200  | 1401-N54 |
|            | 400                  | 400  | 1401-N55 |
| H, R       | 600                  | 600  | ④        |

③ Bolts directly to terminal, fuse clips not required.

④ Included with Bulletin 1491 separately mounted fuse blocks.

## Cable Mechanism

| Disconnect Switch Size [A] | Cable Length [ft (m)] ⑤ | Right-Hand Cable Mechanism Cat. No. | Left-Hand Cable Mechanism Cat. No. |
|----------------------------|-------------------------|-------------------------------------|------------------------------------|
| 200                        | 4 (1.22)                | 1494C-CM5                           | 1494C-CMX5                         |
|                            | 5 (1.52)                | 1494C-CM6                           | 1494C-CMX6                         |
|                            | 6 (1.83)                | 1494C-CM7                           | 1494C-CMX7                         |
|                            | 10 (3.05)               | 1494C-CM8                           | 1494C-CMX8                         |
| 400                        | 4 (1.22)                | 1494C-CM9                           | 1494C-CMX9                         |
|                            | 5 (1.52)                | 1494C-CM10                          | 1494C-CMX10                        |
|                            | 6 (1.83)                | 1494C-CM11                          | 1494C-CMX11                        |
|                            | 10 (3.05)               | 1494C-CM12                          | 1494C-CMX12                        |
| 600                        | 4 (1.22)                | 1494C-CM13                          | 1494C-CMX13                        |
|                            | 5 (1.52)                | 1494C-CM14                          | 1494C-CMX14                        |
|                            | 6 (1.83)                | 1494C-CM15                          | 1494C-CMX15                        |
|                            | 10 (3.05)               | 1494C-CM16                          | 1494C-CMX16                        |

⑤ Minimum diameter for the cable loop between the switch and the handle is: 16 in. (200...600 A switch).

## Trailer Fuse Block Kits -

For class H, J, or R fuses, select the proper fuse clip kit from the table on the left.

| Disconnect Switch Size [A]    | Cat. No.     |           |
|-------------------------------|--------------|-----------|
| 200                           | 1494V-FS200  |           |
| 400                           | 1494V-FS400  |           |
| 600 A, Class J fuse           | 1494V-FS600  |           |
| 400 A, Class H, J, and R fuse | 1494V-FSV400 |           |
| 600 A, Class H fuse           | ⑥            | 1491-N621 |
| 600 A, Class R fuse           | ⑥            | 1491-R621 |

⑥ Separately mounted fuse blocks.

## Auxiliary Contacts

| Description    | Disconnect Switch Size [A] | Cat. No. |
|----------------|----------------------------|----------|
| 1 N.O. contact | 200...400                  | 1495-N8  |
|                | 600                        | 595-A    |
| 1 N.C. contact | 200...400                  | 1495-N9  |
|                | 600                        | 595-B    |

## Auxiliary Contact Adapter Kits

| Description   | Disconnect Switch Size [A] | Cat. No.       |
|---|----------------------------|----------------|
| Disconnect switch with <b>right</b> -hand mechanism | 200...400                  | — <sup>❶</sup> |
|   | 600                        | 595-N1         |
| Disconnect switch with <b>left</b> -hand mechanism  | 200...400                  | 1495-N25       |
|   | 600                        | 595-N1         |

❶ No adapter required.

## Protective Fuse Covers

| Disconnect Switch Size [A] | Fuse Class  | Fuse Clip Rating [A] |      | Cat. No.   |
|----------------------------|-------------|----------------------|------|------------|
|                            |             | 250V                 | 600V |            |
| 200                        | Non-fusible | —                    | —    | ❷ 1495-N67 |
| 200                        | H, J, R     | 200                  | 200  |            |
| 200                        | J           | 400                  | 400  |            |
| 200                        | Non-fusible | —                    | —    | ❸ 1495-N62 |
| 200                        | H, J, R     | 200                  | 200  |            |
| 400                        | Non-fusible | —                    | —    |            |
| 400                        | H, J, R     | 400                  | 400  | ❷ 1495-N68 |
| 400                        | Non-fusible | —                    | —    | ❸ 1495-N63 |
| 400                        | H, J, R     | 400                  | 400  |            |
| 600                        | Non-fusible | —                    | —    |            |
| 600                        | J           | 600                  | 600  | ❷ 1495-N61 |
| 600                        | H, J, R     | 600                  | 600  | ❸ 1495-N69 |

❷ Switch with right-hand mechanism.

❸ Switch with left-hand mechanism.

## Electrical Interlocks

| Description  | Disconnect Switch Size [A] | Cat. No.   |
|--|----------------------------|------------|
| 1 N.O. and 1 N.C. - early break<br>Disconnect switch with <b>right</b> -hand mechanism | 200...400                  | 1495-N43   |
|  | 600                        | ❹ 1495-N34 |
| 1 N.O. and 1 N.C. - early break<br>Disconnect switch with <b>left</b> -hand mechanism  | 200                        | 1495-N39   |
|  | 400                        | 1495-N41   |
|  | 600                        | ❹ 1495-N34 |
| 2 N.O. and 2 N.C. - early break<br>Disconnect switch with <b>right</b> -hand mechanism | 200...400                  | 1495-N44   |
|  | 600                        | ❹ 1495-N35 |
| 2 N.O. and 2 N.C. - early break<br>Disconnect switch with <b>left</b> -hand mechanism  | 200                        | 1495-N40   |
|  | 400                        | 1495-N42   |
|  | 600                        | ❹ 1495-N35 |

❹ An additional adapter kit, Cat. No. 1495-N36, is required for installation.

## Lug Connectors - (3 per package)

| Disconnect Switch Size [A] | Wire Size   | Cat. No.  |
|----------------------------|---|-----------|
| 200                        | #6...4/0 AWG  | 1494R-N3  |
| 200                        | #6...250 MCM <sup>❺</sup>   | 199-LF1   |
| 400                        | #1/0...250 MCM  | 1494R-N14 |
| 400                        | #4...500 MCM <sup>❺</sup>   | 1494R-N15 |
| 600                        | #1/0...350 MCM  | 1494R-N10 |
| 600                        | #1/0...350 MCM - Only used with<br>Cat. Nos. 1491-N621 or 1491-R621,<br>600 A fuse blocks | 1494R-N11 |

❺ Oversized lugs.

# 1494C Disconnect Switch Kits

1494C
– DR
622
– A4 – B – FF

*a*
*b*
*c*
*d*

*a*

| Bulletin |  |
|----------|--|
| 1494C    | Disconnect switch – cable operated, flange mounted |

*b*

| Fusing                                  |                    |
|---|--------------------|
| Code                                    | Description        |
| <b>Switch with right-hand mechanism</b> |                    |
| DN                                      | Non-fusible        |
| DJ                                      | Class J fuse clips |
| DR                                      | Class R fuse clips |
| <b>Switch with left-hand mechanism</b>  |                    |
| DNX                                     | Non-fusible        |
| DJX                                     | Class J fuse clips |
| DRX                                     | Class R fuse clips |

*c*

| Switch and Fuse Rating |              |
|------------------------|--------------|
| Code                   | Description  |
| <b>Non-fusible</b>     |              |
| 200                    | 200 A switch |
| 400                    | 400 A switch |
| 600                    | 600 A switch |

*c*

| Switch and Fuse Rating (continued) |                                 |
|------------------------------------|---------------------------------|
| Code                               | Description                     |
| <b>Fusible</b>                     |                                 |
| 621                                | 600V, 200 A switch, 100 A clips |
| 622                                | 600V, 200 A switch, 200 A clips |
| 624                                | 600V, 200 A switch, 400 A clips |
| 642                                | 600V, 400 A switch, 200 A clips |
| 644                                | 600V, 400 A switch, 400 A clips |
| 604                                | 600V, 600 A switch, 400 A clips |
| 606                                | 600V, 600 A switch, 600 A clips |

*d*

| Optional Accessories (Field Installed) |  |
|--|--|
| Code                                   | Description                                |
| A4                                     | 4 ft cable                                 |
| A5                                     | 5 ft cable                                 |
| A6                                     | 6 ft cable                                 |
| A10                                    | 10 ft cable                                |
| B                                      | Stainless steel handle                     |
| B1                                     | Painted metal handle                       |
| D                                      | Standard-size line and load lugs           |
| D1                                     | Oversized line and load lugs <sup>❶</sup>  |
| E                                      | Protective fuse cover                      |
| F                                      | (1) N.O. auxiliary contact <sup>❷</sup>    |
| FF                                     | (2) N.O. auxiliary contact <sup>❷</sup>    |
| G                                      | (1) N.C. auxiliary contact <sup>❷</sup>    |
| GG                                     | (2) N.C. auxiliary contact <sup>❷</sup>    |
| H                                      | (1) N.O. and (1) N.C. electrical interlock |
| HH                                     | (2) N.O. and (2) N.C. electrical interlock |

- ❶ Only available for 200 A and 400 A switches.
- ❷ Maximum of (2) auxiliary contacts.

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