

Repair Parts for 1494V Fusible and Non-Fusible Disconnect Switch Kits Series One ('1') Construction

Fusible Disconnect Switch Kits

Kits include a disconnect switch with fuse clips, handle, operating (connecting) rod, trailer fuse block with fuse clips.

Lug kits must be ordered separately or specified as a factory modification code. Exception: 30A switches already come with lugs (self-lifting pressure connectors).

Enclosure door hardware must be ordered separately.

Disconnect switch handles are convertible in the field from right hand to left hand operation.

400 & 600 Amp disconnect switches require (2) two operating (connecting rods), one for the handle - the second rod is used to support the disconnect switch.

Size (A)	Fuse Volt.	Fuse Clip Class	Complete Disconnect Switch Kit	Disconnect Switch less Fuse Clips	Handle for Disconnect Switch	Operating Rod for Disconnect Handle	Trailer Fuse Block Assembly (less Clips)	Fuse Clip Kit ¹
30	250	H	1494V-DH233	1494V-DS30	1494F-P1	1494V-RA3	1494V-FS30	1401-N41
30	250	H	1494V-DH233-A	1494V-DS30	1494F-P1	1494V-RA4	1494V-FS30	1401-N41
30	250	R	1494V-DR233	1494V-DS30	1494F-P1	1494V-RA3	1494V-FS30	1401-N50
30	250	R	1494V-DR233-A	1494V-DS30	1494F-P1	1494V-RA4	1494V-FS30	1401-N50
30	600	H, J	1494V-DH633	1494V-DS30	1494F-P1	1494V-RA3	1494V-FS30	1401-N42
30	600	H, J	1494V-DH633-A	1494V-DS30	1494F-P1	1494V-RA4	1494V-FS30	1401-N42
30	600	R	1494V-DR633	1494V-DS30	1494F-P1	1494V-RA3	1494V-FS30	1401-N51
30	600	R	1494V-DR633-A	1494V-DS30	1494F-P1	1494V-RA4	1494V-FS30	1401-N51
60	250	H	1494V-DH266	1494V-DS60	1494F-P1	1494V-RA3	1494V-FS60	1401-N42
60	250	H	1494V-DH266-A	1494V-DS60	1494F-P1	1494V-RA4	1494V-FS60	1401-N42
60	250	R	1494V-DR266	1494V-DS60	1494F-P1	1494V-RA3	1494V-FS60	1401-N51
60	250	R	1494V-DR266-A	1494V-DS60	1494F-P1	1494V-RA4	1494V-FS60	1401-N51
60	600	H, J	1494V-DH666	1494V-DS60	1494F-P1	1494V-RA3	1494V-FS60	1401-N43
60	600	H, J	1494V-DH666-A	1494V-DS60	1494F-P1	1494V-RA4	1494V-FS60	1401-N43
60	600	R	1494V-DR666	1494V-DS60	1494F-P1	1494V-RA3	1494V-FS60	1401-N52
60	600	R	1494V-DR666-A	1494V-DS60	1494F-P1	1494V-RA4	1494V-FS60	1401-N52
100	250	H	1494V-DH611	1494V-DS100	1494F-P1	1494V-RA3	1494V-FS100	1401-N44
100	250	H	1494V-DH611-A	1494V-DS100	1494F-P1	1494V-RA4	1494V-FS100	1401-N44
100	250	R	1494V-DR611	1494V-DS100	1494F-P1	1494V-RA3	1494V-FS100	1401-N53
100	250	R	1494V-DR611-A	1494V-DS100	1494F-P1	1494V-RA4	1494V-FS100	1401-N53
100	600	H, J	1494V-DH611	1494V-DS100	1494F-P1	1494V-RA3	1494V-FS100	1401-N44
100	600	H, J	1494V-DH611-A	1494V-DS100	1494F-P1	1494V-RA4	1494V-FS100	1401-N44
100	600	R	1494V-DR611	1494V-DS100	1494F-P1	1494V-RA3	1494V-FS100	1401-N53
100	600	R	1494V-DR611-A	1494V-DS100	1494F-P1	1494V-RA4	1494V-FS100	1401-N53
200	250	H	1494V-DH622	1494V-DS200	1494F-P1	1494V-RA3	1494V-FS200	1401-N45
200	250	H	1494V-DH622-A	1494V-DS200	1494F-P1	1494V-RA4	1494V-FS200	1401-N45
200	250	R	1494V-DR622	1494V-DS200	1494F-P1	1494V-RA3	1494V-FS200	1401-N54
200	250	R	1494V-DR622-A	1494V-DS200	1494F-P1	1494V-RA4	1494V-FS200	1401-N54
200	600	H, J	1494V-DH622	1494V-DS200	1494F-P1	1494V-RA3	1494V-FS200	1401-N45
200	600	H, J	1494V-DH622-A	1494V-DS200	1494F-P1	1494V-RA4	1494V-FS200	1401-N45
200	600	R	1494V-DR622	1494V-DS200	1494F-P1	1494V-RA3	1494V-FS200	1401-N54
200	600	R	1494V-DR622-A	1494V-DS200	1494F-P1	1494V-RA4	1494V-FS200	1401-N54

¹ Kit includes six clips and mounting hardware.

Repair Parts for 1494V Fusible and Non-Fusible Disconnect Switch Kits Series One ('1') Construction

Fusible Disconnect Switch Kits - 400 Amps

Kits include a disconnect switch with fuse clips, handle, operating (connecting) rod, trailer fuse block with fuse clips.

Lug kits must be ordered separately or specified as a factory modification code. Exception: 30A switches already come with lugs (self-lifting pressure connectors).

Enclosure door hardware must be ordered separately.

400 Amp disconnect switches require (2) two operating (connecting rods), one for the handle - the second rod is used to support the disconnect switch.

Size (A)	Fuse Volt.	Fuse Clip Class	Complete Disconnect Switch Kit	Disconnect Switch less Fuse Clips	Handle for Disconnect Switch	Operating Rod for Disconnect Handle	Trailer Fuse Block Assembly (less Clips)	Fuse Clip Kit ¹
400	250	H	1494V-DH644	1494V-DS400	1494V-H2	1494V-RB1	1494V-FS400	1401-N46
400	250	H	1494V-DH644-A	1494V-DS400	1494V-H2	1494V-RB2	1494V-FS400	1401-N46
400	250	R	1494V-DR644	1494V-DS400	1494V-H2	1494V-RB1	1494V-FS400	1401-N55
400	250	R	1494V-DR644-A	1494V-DS400	1494V-H2	1494V-RB2	1494V-FS400	1401-N55
400	600	H, J	1494V-DH644	1494V-DS400	1494V-H2	1494V-RB1	1494V-FS400	1401-N46
400	600	H, J	1494V-DH644-A	1494V-DS400	1494V-H2	1494V-RB2	1494V-FS400	1401-N46
400	600	R	1494V-DR644	1494V-DS400	1494V-H2	1494V-RB1	1494V-FS400	1401-N55
400	600	R	1494V-DR644-A	1494V-DS400	1494V-H2	1494V-RB2	1494V-FS400	1401-N55

¹ Kit includes six clips and mounting hardware.

Fusible Disconnect Switch Kits - 600 Amps

600 Amp disconnect switches require (2) two operating (connecting rods), one for the handle - the second rod is used to support the disconnect switch.

For Class R applications:

- Class R fuse clips are not available as separate parts, they are riveted to the bottom fuse block.
- Three fuse blocks are required per installation, catalog number 1491-R621, (single pole fuse block assembly).
In addition, the purchase of the 1494R-N11 lug kit is required to complete the wiring from the disconnect switch to the 1491-R621 fuse blocks.

For Class H applications:

- Three fuse blocks are required per installation, catalog number 1491-N621 (single pole fuse block assembly).
In addition, the purchase of the 1494R-N11 lug kit is required to complete the wiring from the disconnect switch to the 1491-N621 fuse blocks.

For Class J applications:

- Class J fuses mount directly to the bottom of the 1494V-DS600 (mounting bolts are provided with the 1494V-DS600).
- The 1494V-FS600 trailer block assembly is a 3 pole fuse block that does not require fuse clips. Class J fuses mount directly to the 1494V-FS600 (mounting bolts are provided with the 1494V-FS600). Mounting Bolt is part number M-756.

Size (A)	Fuse Volt.	Fuse Clip Class	Complete Disconnect Switch Kit	Disconnect Switch less Fuse Clips	Handle for Disconnect Switch	Operating Rod for Disconnect Handle	Single Pole Fuse Block Assembly with Class H or R Fuse Clips	Fuse Clip Class H (Class R included in Fuse Block Assembly) ¹
600	250	H	1494V-DH606	1494V-DS600	1494V-H2	1494V-RB1	1491-N621	40115-426-51
600	250	H	1494V-DH606-A	1494V-DS600	1494V-H2	1494V-RB2	1491-N621	40115-426-51
600	250	R	1494V-DR606	1494V-DS600	1494V-H2	1494V-RB1	1491-R621	40115-426-51
600	250	R	1494V-DR606-A	1494V-DS600	1494V-H2	1494V-RB2	1491-R621	40115-426-51
600	250	H	1494V-DH606	1494V-DS600	1494V-H2	1494V-RB1	1491-N621	40115-426-51
600	250	H	1494V-DH606-A	1494V-DS600	1494V-H2	1494V-RB2	1491-N621	40115-426-51
600	600	R	1494V-DR606	1494V-DS600	1494V-H2	1494V-RB1	1491-R621	40115-426-51
600	600	R	1494V-DR606-A	1494V-DS600	1494V-H2	1494V-RB2	1491-R621	40115-426-51
600	600	J	1494V-DJ606	1494V-DS600	1494V-H2	1494V-RB1	1494V-FS600 ¹	Not Used
600	600	J	1494V-DJ606-A	1494V-DS600	1494V-H2	1494V-RB2	1494V-FS600 ¹	Not Used

¹ The 1494V-FS600 is a three pole trailer fuse block assembly which does not require fuse clips.

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Non-Fusible Disconnect Switch Kits

Kits include a non-fusible disconnect switch, handle, operating (connecting) rod, and mounting hardware to add lugs.

Lug kits must be ordered separately or specified as a factory modification code. Exception: 30A switches already come with lugs (self-lifting pressure connectors).

Enclosure door hardware must be ordered separately.

Disconnect switch handles are convertible in the field from right hand to left hand operation.

400 & 600 Amp disconnect switches require (2) two operating (connecting rods), one for the handle - the second rod is used to support the disconnect switch.

Non-fusible disconnect switches cannot be converted to a fusible disconnect switch.

Size (A)	Fuse Volt.	Fuse Clip Class	Complete Disconnect Switch Kit	Disconnect Switch less Fuse Clips	Handle for Disconnect Switch	Operating Rod for Disconnect Handle	Trailer Fuse Block Assembly (less Class 'H' or 'J' Fuse Clips)	Fuse Clips Class H, J (Class R included in Fuse Block Assembly)
30	-	-	1494V-DN30	1494V-DS30	1494F-P1	1494V-RA3	Not Applicable	Not Applicable
30	-	-	1494V-DN30-A	1494V-DS30	1494F-P1	1494V-RA4	Not Applicable	Not Applicable
60	-	-	1494V-DN60	1494V-DS60	1494F-P1	1494V-RA3	Not Applicable	Not Applicable
60	-	-	1494V-DN60-A	1494V-DS60	1494F-P1	1494V-RA4	Not Applicable	Not Applicable
100	-	-	1494V-DN100	1494V-DS100	1494F-P1	1494V-RA3	Not Applicable	Not Applicable
100	-	-	1494V-DN100-A	1494V-DS100	1494F-P1	1494V-RA4	Not Applicable	Not Applicable
200	-	-	1494V-DN200	1494V-DS200	1494F-P1	1494V-RA3	Not Applicable	Not Applicable
200	-	-	1494V-DN200-A	1494V-DS200	1494F-P1	1494V-RA4	Not Applicable	Not Applicable
400	-	-	1494V-DN400	1494V-DS400	1494V-H2	1494V-RB1	Not Applicable	Not Applicable
400	-	-	1494V-DN400-A	1494V-DS400	1494V-H2	1494V-RB2	Not Applicable	Not Applicable
600	-	-	1494V-DN600	1494V-DS600	1494V-H2	1494V-RB1	Not Applicable	Not Applicable
600	-	-	1494V-DN600-A	1494V-DS600	1494V-H2	1494V-RB2	Not Applicable	Not Applicable

Important User Information

Because of the variety of uses for the products described in this publication, those responsible for the application and use of this control equipment must satisfy themselves that all necessary steps have been taken to assure that each application and use meets all performance and safety requirements, including any applicable laws, regulations, codes and standards.

The illustrations, charts, sample programs and layout examples shown in this guide are intended solely for purposes of example. Since there are many variables and requirements associated with any particular installation, Rockwell Automation does not assume responsibility or liability (to include intellectual property liability) for actual use based upon the examples shown in this publication.

Allen-Bradley publication SGI-1.1, *Safety Guidelines for the Application, Installation and Maintenance of Solid-State Control* (available from your local Allen-Bradley office), describes some important differences between solid-state equipment and electromechanical devices that should be taken into consideration when applying products such as those described in this publication.

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Throughout this document we use notes to make you aware of safety considerations:

ATTENTION

Identifies information about practices or circumstances that can lead to personal injury or death, property damage or economic loss



IMPORTANT

Identifies information that is critical for successful application and understanding of the product.

Use only replacement parts and devices recommended by Rockwell Automation to maintain the integrity of the equipment. It is the user's responsibility to ensure that the renewal part number selected is properly matched to the model, series and revision level of the equipment being serviced.

ATTENTION

Servicing energized Industrial Control Equipment can be hazardous. Severe injury or death can result from electrical shock, burn, or unintended actuation of controlled equipment. Recommended practice is to disconnect and lockout control equipment from power sources, and release stored energy, if present.



Refer to **National Fire Protection Association Standard No. NFPA70E, Part 2 and (as applicable) OSHA rules for Control of Hazardous Energy Sources (Lockout/Tagout) and OSHA Electrical Safety Related Work Practices** for safety related work practices, including procedural requirements for lockout/tagout, and appropriate work practices, personnel qualifications and training requirements where it is not feasible to de-energize and lockout or tagout electric circuits and equipment before working on or near exposed circuit parts.

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