

**1494V-DS400 Series 'A' Disconnect Switch
1494V-DS600 Series 'A' Disconnect Switch**

Renewal Parts

(See Page 2 of this document for illustration and corresponding item numbers)

Description of Part	Item Number	Catalog Number	
		1494V-DS400	1494V-DS600
		AB Part Number	AB Part Number
Drive Mechanism	2	40399-309-53	40399-309-53
Support Rod Bracket	6	40398-033-02	40398-033-02
Line Terminal Guard	8	40399-303-51 ①	40399-303-51 ①
Line Terminal Guard O-Ring	8A	F-14731	F-14731
Drive Mechanism Screw	9	M-6629	M-6629
Lug Kit (350MCM, double strand, set of three) ②	10	1494R-N10	1494R-N10
Lug (500MCM, single strand) ③		X-314129	X-314129
Line/Load Terminal Screw	11	M-2974	M-564 ④
Lockwasher for Line/Load Terminal Screw		M-248 ⑤	M-248 ⑤
Fuse Barrier Kit	12-13	40398-456-53	40398-456-56
Support Rod Screw	14	40398-011-01	40398-011-01
Line Terminal Guard Screw	15	28157-053-25	28157-053-25
Support Rod Washer	16	M-24	M-24
Disconnect Mounting Screw (four required)		M-6629	M-6629

① Includes line terminal guard, terminal support, mounting screws and o-ring.

② Optional. Does not come as standard on the device.

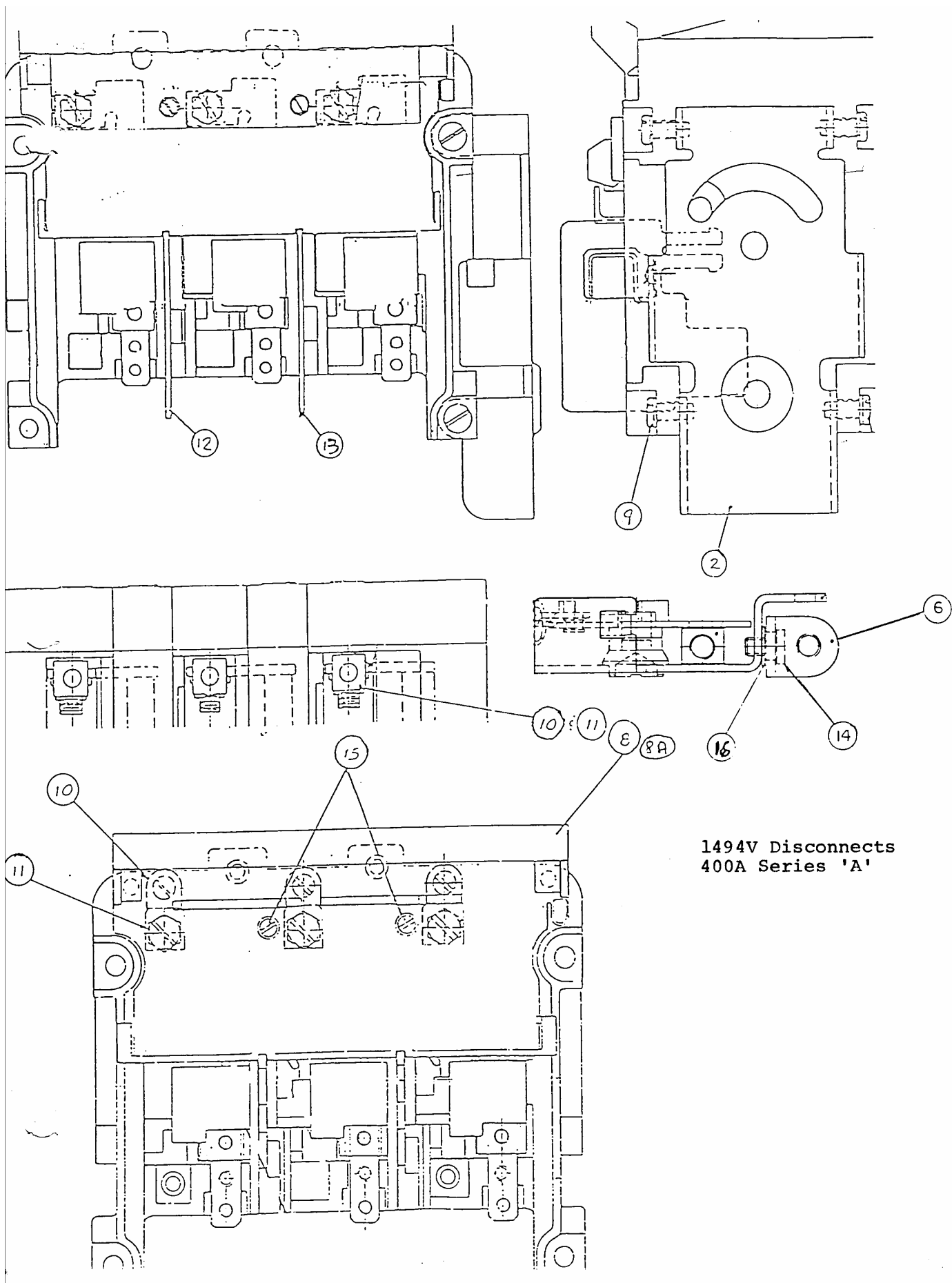
③ Optional. Does not come as standard on the device. When substituting this lug, the current capability can vary. If 75% copper cable is used, the current is 380 amps; if 85% copper cable is used the current is 415 amps.

④ If using class J or class R fuses, the line/load terminal screw part number is M-756.

⑤ If using class J or class R fuse, washer part numbers M-8798 and M-8796 are required. Lockwasher M-248 is not required when using fuses.

Lug Mounting Hardware (not illustrated)

PART DESCRIPTION	PART NUMBER
Lug Mounting Hardware (line side only)	
Locking Plate	B-29990
Locking Plate Screw	M-2281
Locking Plate Lockwasher	M-1720
Lug Bolt	M-561
Flat Washer for Lug Bolt	M-357
Hex Nut for Lug Bolt	M-22
Flat Washer for Lug Bolt	M-8798
Belleville Washer for Lug Bolt	M-8796
Lug Mounting Hardware (load side only)	
Screw	M-2245
Lockwasher	M-1720

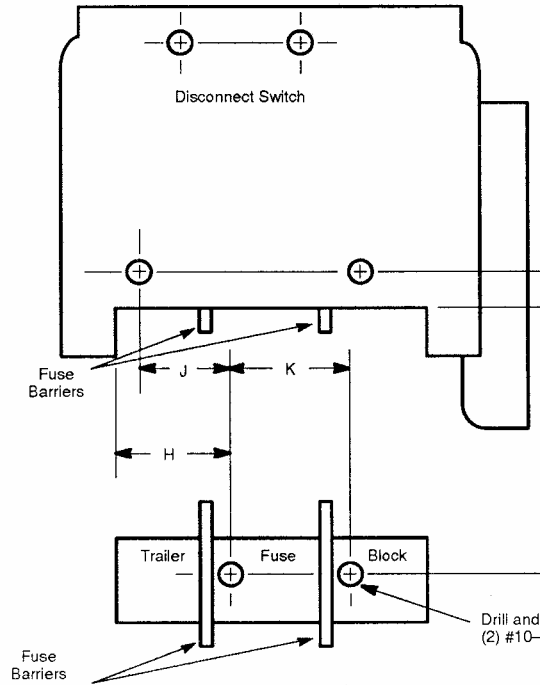
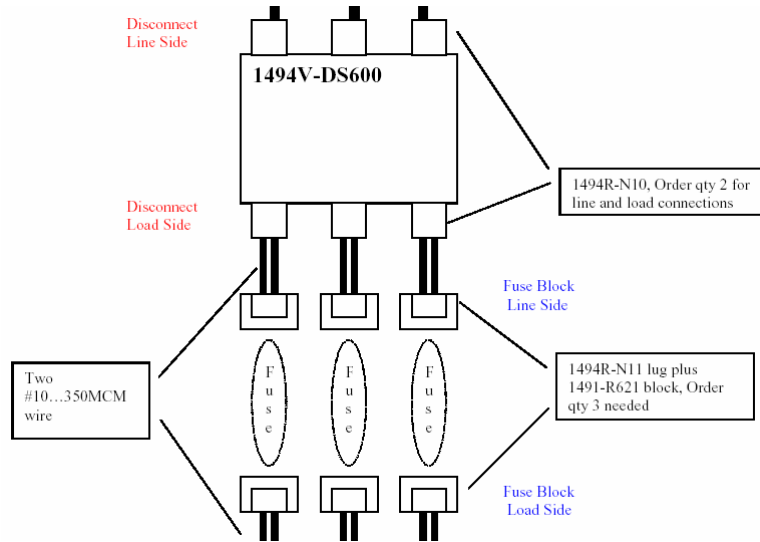


1494V Disconnects
400A Series 'A'

1494V-DS400 Series 'A' Disconnect Switch
1494V-DS600 Series 'A' Disconnect Switch

Renewal Parts

Fuse Block Kits used with 1494V-DS400 and 1494V-DS600 Disconnect Switches



Three pole application illustrated using (3) 1491-N621's or (3) 1491-R621's.

Three pole application illustrated using one of 1494V-FS400, 1494V-FSR644 or 1494V-FS600.

When using catalog numbers 1491-N621 or 1491-R621, extra lugs will be required to wire to the load side of the 1494V-DS600 and to the load side of the single pole fuse block being used (1491-N621 or 1491-R621).

Renewal Parts for Mounting Hardware and Fuse Barriers

Trailer Fuse Block Catalog Number	Fuse Class	Fuse Clip Rating (A)	Fuse Barrier Kit	Mounting Screw for Lug	Fuse Block Mounting Screw
1494V-FS400	H, J	201-400	40398-456-51	M-2974	M-6629 (4 req'd)
1494V-FSR644	R	201-400	40398-456-51	M-2974	M-6629 (4 req'd)
1491-N621	H	401-600	40023-053-01 (2 req'd)	Not Available	M-13 (2 req'd)
1494V-FS600	J	401-600	40398-456-51	M-2245	M-6629 (4 req'd)
1491-R621	R	401-600	40023-053-01 (2 req'd)	Not Available	M-13 (2 req'd)

1494V-DS400 Series 'A' Disconnect Switch
1494V-DS600 Series 'A' Disconnect Switch

Renewal Parts

Renewal Parts for Fuse Clip Hardware

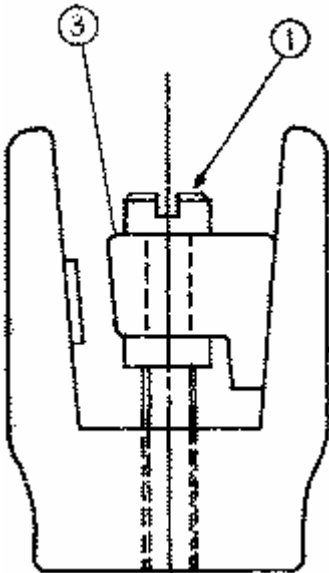
Trailer Fuse Block Catalog Number	Fuse Class	Fuse Clip Rating (A)	Fuse Clip Part No. (Class H, J)	Clamp Screw (Item 1)	Clamp Block (Item 3)
1494V-FS400	H, J	201-400	1401-N46 ①	40023-111-02	40023-109-02
1494V-FSR644	R	201-400	Not Available ②	Not Available	Not Available
1491-N621	H	401-600	40115-426-51 ③	40023-111-02	40023-109-02
1494V-FS600 ④	J	401-600	Not Applicable	Not Applicable	Not Applicable
1491-R621	R	401-600	Not Available ②	Not Available	Not Available

① Contains six fuse clips and mounting hardware.

② Class R trailer fuse block assemblies include rejection fuse clips mounted on the fuse block. Three additional non-rejection fuse clips are included for mounting on the disconnect switch. The non-rejection fuse clip kit is available as catalog number 1401-N46 (201-400A fuses). For 401-600A fuses, order part number 40115-426-51 which contains one fuse clip (non-rejection) and mounting hardware.

③ Contains one fuse clip and mounting hardware.

④ For use with Class J fuses that bolt directly to the switch (fuse clips not required).



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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