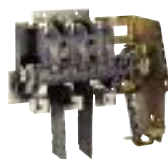


DISCONNECT SWITCH COMPONENTS

Right-Hand Mechanism



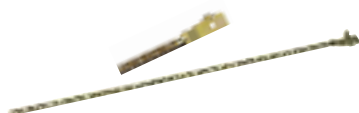
Left-Hand Mechanism



DISCONNECT SWITCHES

Continuous Current Rating (A) 600V AC 250V DC	NEMA, UL, CSA Maximum Rating Hp				AC 1Ø		DC	IEC Utilization Category AC-23 Maximum Rating kW			Switch with <u>Right-Hand</u> Mechanism	Switch with <u>Left-Hand</u> Mechanism
	3Ø, 60 Hz							3Ø, 50 Hz				
	200...208V	230V	460V	575V	115	230	250	220...240V	380...440V	500...600V	Cat. No. Switch Only	Cat. No. Switch Only
30	7.5	7.5	15	20	2	3	5	5.5	11	15	1494V-DS30	1494V-DSX30
60	15	15	30	50	3	10	10	11	22	37	1494V-DS60	1494V-DSX60
100	25	30	60	75	—	—	20	22	45	55	1494V-DS100	1494V-DSX100
200	50...60	60	125	150	—	—	40	48	90	110	1494V-DS200	1494V-DSX200
400	75	125	250	350	—	—	50	90	185	257	1494V-DS400	1494V-DSX400
600	150	200	400	500	—	—	50	150	295	375	1494V-DS600	1494V-DS600*

* Convertible in the field to left-hand operation



CONNECTING RODS

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

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

▲ Kit includes two connecting rods

OPERATING HANDLES

Handle Type	Description	Mounting	Disconnect Switch Size (A)	Cat. No.
Type 1, 3R, 4, 4X, 12	Non-Metallic	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 to the right.

Disconnect Switch Size (A)	Cat. No.
30	1494V-FS30
60	1494V-FS60
100	1494V-FS100
200	1494V-FS200
400	1494V-FS400
600	1494V-FS600 (600 A Class J fuse)
600	1494V-FSV400 (400 A Class J fuse)
600	1491-N621 (600 A Class H fuse)
600	1491-R621 (600 A Class R fuse)



FUSE CLIP KITS

Includes six clips and mounting hardware

Fuse Class	Fuse Clip Rating (A)		Cat. No.
	250V	600V	
H	30	—	1401-N41
	60	30	1401-N42
	—	60	1401-N43
	100	100	1401-N44
	200	200	1401-N45
	400	400	1401-N46
J	600	600	%%
	30	30	1401-N42
	60	60	1401-N43
	100	100	1401-N44
	200	200	1401-N45
	400	400	1401-N46
R	600	600	**
	30	—	1401-N50
	60	30	1401-N51
	—	60	1401-N52
	100	100	1401-N53
	200	200	1401-N54
	400	400	1401-N55
	600	600	%%

** Bolts directly to terminal.

%% Included with Bulletin 1491 separately mounted fuse blocks.

PRODUCT PROFILE

BULLETIN 1494V

VARIABLE-DEPTH, FLANGE- MOUNTED DISCONNECT SWITCHES 30...600 A

Rockwell Automation introduces the enhanced version of Allen-Bradley Bulletin 1494V Variable-Depth, Flange-Mounted Disconnect Switches that meet industrial requirements for dependable disconnecting means.

Configure one catalog number as a complete kit, which includes the basic switch components and any optional accessories.

ADVANTAGES

Time-Proven Design

- Exceptionally long life (over 20,000 operations)
- New lower profile design minimizes panel space
- Available in switch ratings 30 A...600 A
- Non-fusible or fusible (Class H, J, R)

Integral Switch and Mechanism

- Right flange installation (existing cat. no.)
- Left flange installation (new cat. no.)

Ease of Installation

- External mounting holes
 - Easier to see
 - Faster installation time
 - No special tools required
- Simple, easy-to-use templates provided with each switch greatly reduce panel layout time

NFPA 79 Compliant

- Switch, mechanism, and handle are always connected, even when the enclosure door is open

Safer Solution

- Highly visible switch blades
- Line-side shield where power is typically present
- Protective covers for fuses and load wires
- Color-coded handle provides visual status



CONFIGURATION OF A DISCONNECT SWITCH KIT

The information below is for reference purposes. Not all combinations will produce a valid Cat. No.
Refer to the tables on the following pages for product selection.

1494V – DR 233 – A – B – FF

a

b

c

d

a

DISCONNECT SWITCH	
Code	Description
1494V	Variable-Depth Flange mounted

b

FUSING	
Code	Description
Switch with <u>right-hand</u> mechanism	
DN	Non-fusible
DH	Class H fuse clips
DJ	Class J fuse clips
DR	Class R fuse clips
Switch with <u>left-hand</u> mechanism	
DNX	Non-fusible
DHX	Class H fuse clips
DJX	Class J fuse clips
DRX	Class R fuse clips

c

SWITCH AND FUSE RATING	
NON-FUSIBLE	
Code	Description
30	30 A switch
60	60 A switch
100	100 A switch
200	200 A switch
400	400 A switch
600	600 A switch
FUSIBLE	
233	250V; 30 A switch, 30 A clips
236	250V; 30 A switch, 60 A clips
263	250V; 60 A switch, 30 A clips
266	250V; 60 A switch, 60 A clips
261	250V; 60 A switch, 100 A clips
216	250V; 100 A switch, 60 A clips
211	250V; 100 A switch, 100 A clips
212	250V; 100 A switch, 200 A clips
221	250V; 200 A switch, 100 A clips
222	250V; 200 A switch, 200 A clips
224	250V; 200 A switch, 400 A clips
242	250V; 400 A switch, 200 A clips
244	250V; 400 A switch, 400 A clips
204	250V; 600 A switch, 400 A clips
206	250V; 600 A switch, 600 A clips
633	600V; 30 A switch, 30 A clips
636	600V; 30 A switch, 60 A clips
663	600V; 60 A switch, 30 A clips
666	600V; 60 A switch, 60 A clips
661	600V; 60 A switch, 100 A clips
616	600V; 100 A switch, 60 A clips
611	600V; 100 A switch, 100 A clips
612	600V; 100 A switch, 200 A clips
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
A	Long Connecting Rod
B	Stainless Steel Handle
C	Non-Metallic Handle ‡
D	Standard Size Line & Load Lugs
D1	Oversized Line & Load Lugs*
E	Protective Fuse Cover
F	(1) N.O. Auxiliary Contact *
FF	(2) N.O. Auxiliary Contacts *
G	(1) N.C. Auxiliary Contact *
GG	(2) N.C. Auxiliary Contacts*
H	(1) N.O. and (1) N.C. Electrical Interlock
HH	(2) N.O. and (2) N.C. Electrical Interlock

* Maximum of (2) auxiliary contacts

‡ For use with 30 A - 200 A switches

Only available with 200 A and 400 A switches