

# BASIC KIT

Continuous Current Rating (A) 600V AC 250V DC	UL and CSA Applications Maximum HP					AC 1Ø		DC*		IEC Applications Maximum kW (AC23)			Fuse Clip Rating (A)		Fuse Class	Switch with Right-Hand Mechanism		Switch with Left-Hand Mechanism	
	3Ø, 60 Hz					115V	230V	125V	250V	3Ø, 50 Hz			250V	600V		Fusible Disconnect Switch Kit	Non-Fusible Disconnect Switch Kit	Fusible Disconnect Switch Kit	Non-Fusible Disconnect Switch Kit
	115V	200...208V	230V	460V	575V					220...240V	380...440V	500...600V							
200	—	50...60	60	125	150	—	—	—	40	48	90	110	100	—	H	1494V-DH221	1494V-DN200	1494V-DHX221	1494V-DNX200
													100	—	R	1494V-DR221		1494V-DRX221	
													100	—	J	1494V-DJ221		1494V-DJX221	
													—	100	H	1494V-DH621		1494V-DHX621	
													—	100	R	1494V-DR621		1494V-DRX621	
													—	100	J	1494V-DJ621		1494V-DJX621	
													200	—	H	1494V-DH222		1494V-DHX222	
													200	—	R	1494V-DR222		1494V-DRX222	
													200	—	J	1494V-DJ222		1494V-DJX222	
													—	200	H	1494V-DH622		1494V-DHX622	
													—	200	R	1494V-DR622		1494V-DRX622	
													—	200	J	1494V-DJ622		1494V-DJX622	
400	—	75	125	250	300	—	—	—	50	90	185	259	200	—	H	1494V-DH242	1494V-DN400	1494V-DHX242	1494V-DNX400
													200	—	R	1494V-DR242		1494V-DRX242	
													200	—	J	1494V-DJ242		1494V-DJX242	
													—	200	H	1494V-DH642		1494V-DHX642	
													—	200	R	1494V-DR642		1494V-DRX642	
													—	200	J	1494V-DJ642		1494V-DJX642	
													400	—	H	1494V-DH244		1494V-DHX244	
													400	—	R	1494V-DR244		1494V-DRX244	
													400	—	J	1494V-DJ244		1494V-DJX244	
													—	400	H	1494V-DH644		1494V-DHX644	
													—	400	R	1494V-DR644		1494V-DRX644	
													—	400	J	1494V-DJ644		1494V-DJX644	
600	—	150	200	400	500	—	—	—	50	150	295	375	400	—	H	1494V-DH204	1494V-DN600	1494V-DHX204	1494V-DNX600
													400	—	R	1494V-DR204		1494V-DRX204	
													400	—	J	1494V-DJ204		1494V-DJX204	
													—	400	H	1494V-DH604		1494V-DHX604	
													—	400	R	1494V-DR604		1494V-DRX604	
													—	400	J	1494V-DJ604		1494V-DJX604	
													600	—	H	1494V-DH206		1494V-DHX206	
													600	—	R	1494V-DR206		1494V-DRX206	
													600	—	J	1494V-DJ206		1494V-DJX206	
													—	600	H	1494V-DH606		1494V-DHX606	
													—	600	R	1494V-DR606		1494V-DRX606	
													—	600	J	1494V-DJ606		1494V-DJX606	

\* Convertible in the field

## KIT OPTIONS



Disconnect Handles



Wire Connecting Lugs



Auxiliary Contact



Electrical Interlock – 1 N.O. - 1 N.C.



Long Connecting Rod

Protective Fuse Cover with Door

### OPTIONAL ACCESSORIES – FIELD INSTALLED

Description	Suffix Code	
Longer Connecting Rod 9 1/2 in. (min.) — 23 in. (max.)	A	
Disconnect Handle — Stainless Steel	B	
Disconnect Handle — Non-Metallic	C	
Standard Size Wire Connecting Lugs — Line and Load Side	D	
Oversize Size Wire Connecting Lugs — Line and Load Side (200 A and 400 A only)	D1	
Protective Fuse Cover with Door	E	
Auxiliary Contact	1 N.O.	F
	2 N.O.	FF
	1 N.C.	G
	2 N.C.	GG
Electrical Interlock	1 N.O. & 1 N.C.	H
	2 N.O. & 2 N.C.	HH

#### Example

1494V-DH266-A-C-D-E Basic 60 A fusible disconnect switch with optional longer connecting rod, non-metallic handle, line and load lugs, fuse cover

# 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

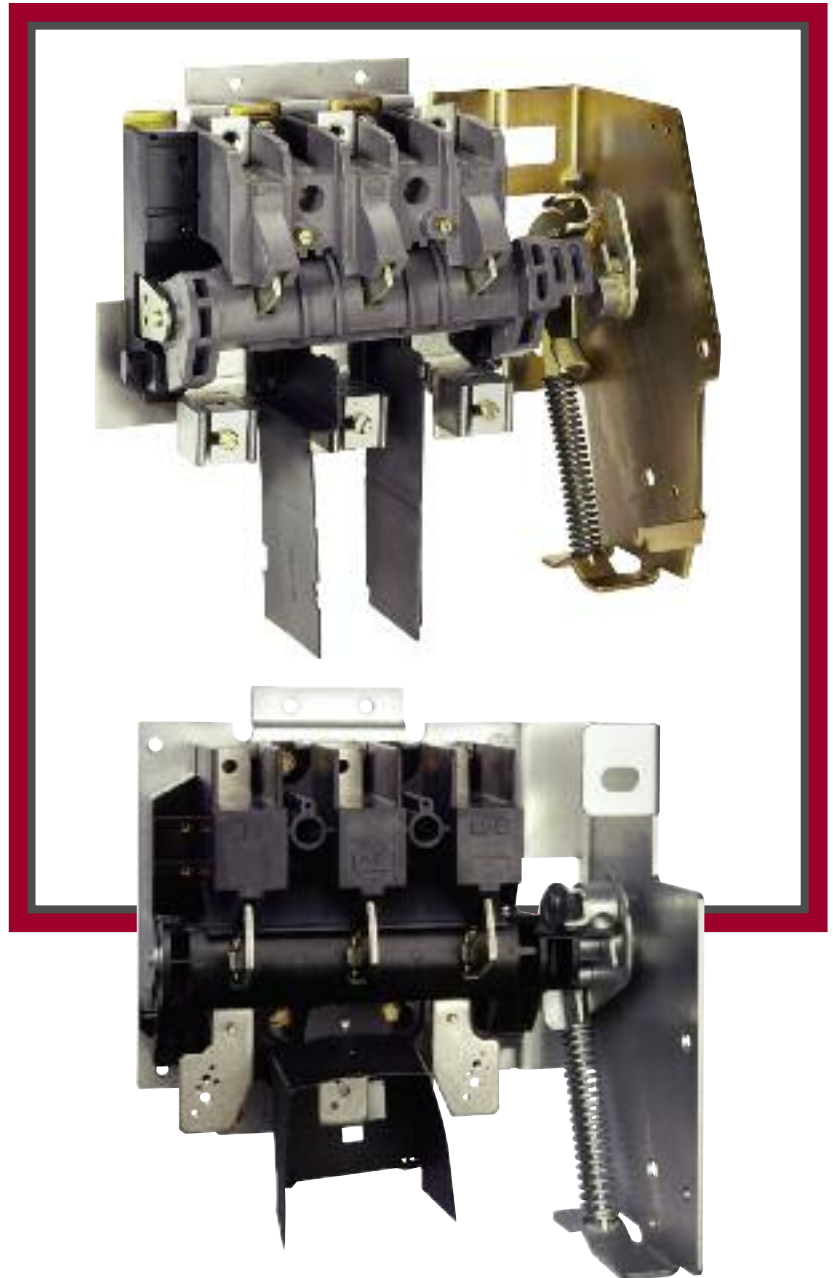
- External mounting holes
  - Easier to see
  - Faster installation time
  - No special tools required
- Simple, easy-to-use templates provided with each switch greatly reduce panel layout time

##### 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