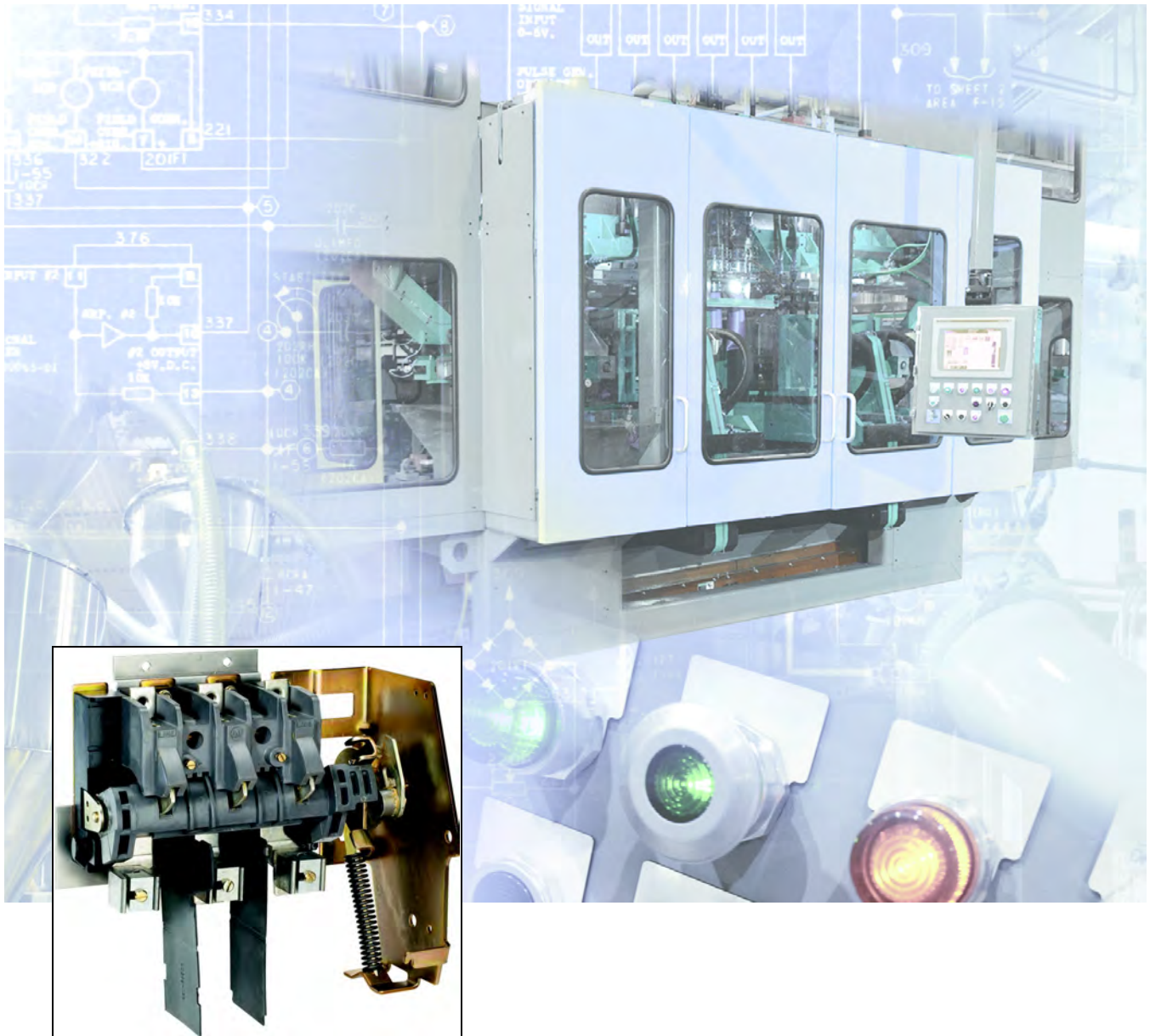


1494V Visible-Blade, Variable-Depth Disconnect Switch

Catalog Number 1494V



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Automation**

1494V Disconnect Switch Components

Disconnect Switches

Continuous Current Rating [A] 600V AC 250V DC	Maximum Hp - UL and CSA Applications				1-Phase, AC			DC	Maximum kW - IEC Applications (Category AC 23)			Switch with Right-Hand Mechanism Cat. No.	Switch with Left-Hand Mechanism 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	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	① 1494V-DS600	

① Must be converted in the field for left-hand operation.

Connecting Rods

Approximate dimensions are not intended for manufacturing purposes.

Disconnect Switch Size [A]	Enclosure Depth [in. (mm)] ②		Cat. No.
	Minimum	Maximum	
200	6-3/4 (172)	9-1/8 (232)	1494V-RA3
	9-1/8 (232)	21-5/8 (585)	1494V-RA4
400, 600	9-1/2 (241)	10 (254)	③ 1494V-RB3
	9-1/2 (241)	23 (584)	③ 1494V-RB4

② Enclosure depth is measured from the top of the flange to the disconnect switch mounting surface.

③ Kit includes two connecting rods.

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	④
R	200	200	1401-N54
	400	400	1401-N55
H, R	600	600	⑤

④ Bolts directly to terminal, fuse clips not required.

⑤ Included with Bulletin 1491 separately mounted fuse blocks.

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	

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	30...400	1495-N8
	600	595-A
1 N.C. contact	30...400	1495-N9
	600	595-B

Auxiliary Contact Adapter Kits

Description	Disconnect Switch Size [A]	Cat. No.
Disconnect switch with right -hand mechanism	200...400	— ^❶
	600	595-N1
Disconnect switch with left -hand mechanism	200...400	1495-N25
	600	595-N1

❶ No adapter kit 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	—	—	❷ 1495-N68
400	H, J, R	400	400	
400	Non-fusible	—	—	❸ 1495-N63
400	H, J, R	400	400	
600	Non-fusible	—	—	❷ 1495-N61
600	J	600	600	
600	H, J, R	600	600	
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 Disconnect switch with right -hand mechanism	200...400	1495-N43
	600	❹ 1495-N34
1 N.O. and 1 N.C. - early break Disconnect switch with left -hand mechanism	200	1495-N39
	400	1495-N41
	600	❹ 1495-N34
2 N.O. and 2 N.C. - early break Disconnect switch with right -hand mechanism	200...400	1495-N44
	600	❹ 1495-N35
2 N.O. and 2 N.C. - early break Disconnect switch with left -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 ^❺	199-LF1
400	#1/0...250 MCM	1494R-N14
400	#4...500 MCM ^❻	1494R-N15
600	#1/0...350 MCM	1494R-N10
600	#1/0...350 MCM - Only used with Cat. Nos. 1491-N621 or 1491-R621, 600 A fuse blocks	1494R-N11

❺ Included with switch

❻ Oversized lugs..

1494V Disconnect Switch Kits

$\frac{1494V}{a} - \frac{DR}{b} - \frac{622}{c} - \frac{A - B - FF}{d}$

a

Bulletin	
1494V	Disconnect switch - variable depth, flange mounted

b

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

c

Switch and Fuse Rating	
Code	Description
Non-fusible	
200	200 A switch
400	400 A switch
600	600 A switch

c

Switch and Fuse Rating (continued)	
Code	Description
Fusible	
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 and load lugs
D1	Oversized line and load lugs ^❶
E	Protective fuse cover
F	(1) N.O. auxiliary contact ^❷
FF	(2) N.O. auxiliary contact ^❷
G	(1) N.C. auxiliary contact ^❷
GG	(2) N.C. auxiliary contact ^❷
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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Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846