

Catalog Number Explanation

1494G – B F 3 J 6 – 98 – 203W – 414
a b c d e f g

a

Bulletin Number	
Code	Description
1494G	Enclosed disconnect safety switch in standard-size enclosure (30...600 A)
1494GY	Enclosed disconnect safety switch in large-size enclosure (30...200 A)
1494GX	Enclosed disconnect safety switch in extra large-size enclosure (30...100 A)

b

Switch Ratings [A]	
Code	Description
B	30
C	60
D	100
E	200
F	400
G	600

c

Enclosure Type	
Code	Description
F	Type 3R/4/12: Rainproof, watertight, dusttight, painted metal enclosure with screw fasteners and non-metallic handle
C	Type 4/4X: Watertight, corrosion-resistant, stainless steel enclosure with screw fasteners and non-metallic handle
K	Type 12: Hazardous location (Class II, Division 2, Group F+G and Class III Division 1 and 2) painted metal enclosure with screw fasteners and non-metallic handle

d

Poles	
Code	Description
2	2-pole, 1-phase
3	3-pole, 3-phase
6	6-pole, 3-phase

e

Fusing	
Code	Description
N	Non-fusible
H	Class H fuse clips
J	Class J fuse clips
R	Class R fuse clips

f

Fuse Voltage	
Code	Description
Blank	Non-fusible
2	240V AC/250V DC
6	600V AC/600V DC

g

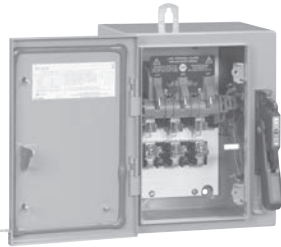
Options (Factory Installed)	
Code	Description
1S	Momentary push button* (Flange-mounted)
1SB	Momentary push button* (Bottom-mounted)
3	3-position selector switch*
3E	2-position selector switch*
3EI	2-position selector switch* (Illuminated)
3S	3-position selector switch* (Spring return)
4	Pilot light**
5	Push-to-test pilot light**
98	N.O. auxiliary - disconnect‡
99	N.C. auxiliary - disconnect‡
203W	Viewing window
412	Painted metal handle
413	Stainless steel handle
414	Protective fuse cover
420	1 N.O. and 1 N.C. interlock
421	2 N.O. and 2 N.C. interlocks

* Specify lens color by adding one of the following letters: **R** = Red, **A** = Amber, **B** = Blue, **G** = Green.
 * 3-pole enclosed switches can accommodate (1) pilot device, 6-pole enclosed switches can accommodate (5) pilot devices.
 ‡ Maximum of (2) auxiliary contacts.



Industrial Safety Disconnect Switches

Product Overview/Product Selection — Fusible Type



Cat. No. 1494G-BF3J6
Enclosed Disconnect Switch

Bulletin 1494G/1494GX/1494GY — Fusible, 600V

- 30...600 A switch ratings
- 600V: 3-pole, 3-phase and 6-pole, 3-phase versions
- Can accommodate Class H, R, and J fuses
- Type 3R/4/12 (painted metal), Type 4/4X (stainless steel), and Type 4/4X (non-metallic) enclosures
- 30...100 A switch ratings in extra-capacity enclosures
- 30...100 A switch ratings for 6-pole 3-phase applications
- Disconnect switch linked to the handle at all times
- Visible blade construction for safety
- Non-metallic handle — standard (30...200 A)
- Metal or stainless steel handle — optional
- Lockable handle
- Options — factory installed
- Accessories — field installed

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Standards Compliance

UL 98
 UL 508
 CSA C22.2, No. 4

Certifications

cULus Listed (File No. E227497, Guide No. WIAX)



600V, Fusible with Class H Fuse Clips, (3-pole, 3-phase), standard size enclosure*

Continuous Current Rating [A] 600V AC 250V DC	Horsepower					Type 3R/4/12* Painted Metal	Type 4/4X Stainless Steel
	480V AC		600V AC		250V DC	3-Pole, 3-Phase	3-Pole, 3-Phase
	Std.	Max.	Std.	Max.		Cat. No.	Cat. No.
30	5	15	7.5	20	5	1494G-BF3H6	1494G-BC3H6
60	15	30	15	50	10	1494G-CF3H6	1494G-CC3H6
100	25	60	30	75	20	1494G-DF3H6	1494G-DC3H6
200	50	125	60	150	40	1494G-EF3H6	1494G-EC3H6
400	100	250	125	350	50	1494G-FF3H6	1494G-FC3H6
600	150	400	200	500	50	1494G-GF3H6	1494G-GC3H6

600V, Fusible with Class H Fuse Clips, (3-pole, 3-phase), extra large size enclosure*

Continuous Current Rating [A] 600V AC 250V DC	Horsepower					Type 3R/4/12* Painted Metal	Type 4/4X Stainless Steel
	480V AC		600V AC		250V DC	3-Pole, 3-Phase	3-Pole, 3-Phase
	Std.	Max.	Std.	Max.		Cat. No.	Cat. No.
30	5	15	7.5	20	5	1494GX-BF3H6	1494GX-BC3H6
60	15	30	15	50	10	1494GX-CF3H6	1494GX-CC3H6
100	25	60	30	75	20	1494GX-DF3H6	1494GX-DC3H6

600V, Fusible with Class H Fuse Clips, (3-pole, 3-phase), large size enclosure*

Continuous Current Rating [A] 600V AC 250V DC	Horsepower					Type 3R/4/12* Painted Metal	Type 4/4X Stainless Steel
	480V AC		600V AC		250V DC	3-Pole, 3-Phase	3-Pole, 3-Phase
	Std.	Max.	Std.	Max.		Cat. No.	Cat. No.
30	5	15	7.5	20	5	1494GY-BF3H6	1494GY-BC3H6
60	15	30	15	50	10	1494GY-CF3H6	1494GY-CC3H6
100	25	60	30	75	20	1494GY-DF3H6	—
200	50	125	60	150	40	1494GY-EF3H6	—

600V, Fusible with Class H Fuse Clips, (6-pole, 3-phase), standard size enclosure*

Continuous Current Rating [A] 600V AC 250V DC	Horsepower					Type 3R/4/12* Painted Metal	Type 4/4X Stainless Steel
	480V AC		600V AC		250V DC	6-Pole, 3-Phase	6-Pole, 3-Phase
	Std.	Max.	Std.	Max.		Cat. No.	Cat. No.
30	5	15	7.5	20	5	1494G-BF6J6	1494G-BC6J6
60	15	30	15	50	10	1494G-CF6J6	1494G-CC6J6
100	25	60	30	75	20	1494G-DF6J6	1494G-DC6J6

* Class R and J fuse clips can be supplied as a factory option in place of Class H clips. To order Class R fuse clips, replace **H** from the cat. no. with **R**. Example: **Cat. No. 1494G-BF3H6** becomes **1494G-BF3R6**. To order Class J fuse clips, replace **H** from the cat. no. with **J**. Example: **Cat. No. 1494G-BF3H6** becomes **1494G-BF3J6**. The same applies to Bul. 1494GX and 1494GY.

* Type 12 hazardous location enclosure (Class II, Division 2, Group F+G and Class III, Divisions 1 and 2) can be supplied by replacing the **F** in the listed cat. no. with the letter **K**. Example: **Cat. No. 1494G-BK3H2**.

Bulletin 1494G/1494GX/1494GY Modifications — Factory-Installed

Description	Enclosure Type	Suffix Code	Switch Rating [A]					
			30	60	100	200	400	600
Momentary Push Button (1 N.O.) (located on enclosure flange)	3R/4/12 painted metal, 4/4X stainless steel	-1S*	A	A	A	A	A	A
Momentary Push Button (located on bottom of enclosure)	3R/4/12 painted metal, 4/4X stainless steel	-1SB*	A	A	A	A	A	A
HAND-OFF-AUTO Selector Switch	3R/4/12 painted metal, 4/4X stainless steel	-3*	A	A	A	A	A	A
3-position Selector Switch	3R/4/12 painted metal, 4/4X stainless steel	-3S*	A	A	A	A	A	A
2-position Selector Switch	3R/4/12 painted metal, 4/4X stainless steel	-3E*	A	A	A	A	A	A
2-position Illuminated Selector Switch	3R/4/12 painted metal, 4/4X stainless steel	-3EI*	A	A	A	A	A	A
Pilot Light	3R/4/12 painted metal, 4/4X stainless steel	⊛ -4*	A	A	A	A	A	A
Push-to-test Pilot Light	3R/4/12 painted metal, 4/4X stainless steel	⊛ -5*	A	A	A	A	A	A
Auxiliary Contact (1 N.O.)	3R/4/12 painted metal, 4/4X stainless steel, 4/4X non-metallic	‡ -98	A	A	A	A	A	A
Auxiliary Contact (1 N.C.)	3R/4/12 painted metal, 4/4X stainless steel, 4/4X non-metallic	‡ -99	A	A	A	A	A	A
Enclosure Door Viewing Window	3R/4/12 painted metal, 4/4X stainless steel	-203W	A	A	A	A	A	A
Painted Metal Handle	3R/4/12 painted metal	§ -412	A	A	A	A	S	S
Stainless Steel Handle	4/4X stainless steel	§ -413	A	A	A	A	A	A
Protective Fuse Cover with Door (transparent)	3R/4/12 painted metal, 4/4X stainless steel	-414	A	A	A	A	A	A
Electrical Interlock - Early Break (1 N.O. and 1 N.C.)	3R/4/12 painted metal, 4/4X stainless steel	-420	A	A	A	A	A	A
Electrical Interlock - Early Break (2 N.O. and 2 N.C.)	3R/4/12 painted metal, 4/4X stainless steel	-421	A	A	A	A	A	A
Protective Line Side Cover (transparent)	3R/4/12 painted metal, 4/4X stainless steel	-422	A	A	A	A	A	A

A = Available Option
S = Standard

* Specify lens color by adding one of the following letters: **R** = Red, **G** = Green, **A** = Amber, **B** = Blue

⊛ 3 pole enclosed switches can accommodate (1) pilot device, 6 pole enclosed switches can accommodate (5) pilot devices.

‡ Maximum of (2) auxiliary contacts.










§ Non-metallic handle provided as standard (30...200 A). For painted metal handle, select suffix code **-412**. For stainless steel handle, select suffix code **-413**.



NEMA Disconnect Switches

Accessories

1





		Description	For Use With	Cat. No.
	Auxiliary Contacts	1 N.O. Contact	1494C, 1494F, 1494V, and 1494G (30...400 A) Disconnect Switches	1495-N8
		1 N.O. Contact (low-level switching)		1495-N8X
		1 N.C. Contact	1494D, 1494V* (125...400 A Frame) Circuit Breakers	1495-N9
		1 N.C. Contact (low-level switching)		1495-N9X
  Cat. No. 595-A Cat. No. 595-B	Auxiliary Contacts (600 A Disconnect Switch only)	1 N.O. Contact	1494C, 1494G, and 1494V Disconnect Switches	595-A
	1 N.C. Contact	595-B		
 Cat. No. 595-N1	Auxiliary Contact Adapter Kit For Disconnect Switches	600 A	600 A only	* 595-N1
 Cat. No. 1495-N24	Auxiliary Contact Adapter Kit For Disconnect Switches with Left-Hand Mechanism	30...100 A Disconnect Switch	1494V Disconnect Switch with Left-Hand Mechanism, 30...100 A	* 1495-N24
		200...400 A Disconnect Switch	1494V Disconnect Switch with Left-Hand Mechanism, 200...400 A	* 1495-N25
  Cat. No. 1495-N21 Cat. No. 1495-N23	Auxiliary Contact Adapter Kit For Circuit Breakers	125 A and 150 A Frame Allen-Bradley, Cutler-Hammer	1494D, 1494V Circuit Breakers	* 1495-N21
		250 A, 400 A Frame Allen-Bradley, Cutler-Hammer	1494V Circuit Breaker	* 1495-N23
		250 A Frame Allen-Bradley, Cutler-Hammer	1494D Circuit Breaker	* 1495-N22
		400 A Frame Allen-Bradley, Cutler-Hammer	1494D Circuit Breaker	* 1495-N16
		600 A, 800 A, 1200 A Frame Cutler-Hammer	1494D Circuit Breaker	* 1495-N13
 Cat. No. 1495-N34	Electrical Interlocks	1 N.O. and 1 N.C. — early make/break	1494C, 1494G & 1494V Disconnect Switches with Left-/Right-Hand Mechanism, 30...100 A & Right-Hand Mechanism, 600 A	† 1495-N34
		2 N.O. and 2 N.C. — early make/break		† 1495-N35
		1 N.O. and 1 N.C. — early make/break	1494C, 1494G, & 1494V Disconnect Switch with Right-Hand Mechanism, 200 A, 400 A	1495-N43
		2 N.O. and 2 N.C. — early make/break		1495-N44
		1 N.O. and 1 N.C. — early make/break	1494C and 1494V Disconnect Switch with Left-Hand Mechanism, 30...100 A	1495-N37
		2 N.O. and 2 N.C. — early make/break		1495-N38
		 Cat. No. 1495-N35	Electrical Interlocks	1 N.O. and 1 N.C. — early make/break
2 N.O. and 2 N.C. — early make/break	1495-N40			
Electrical Interlock Adapter Kit	1 N.O. and 1 N.C. — early make/break		1494V Disconnect Switch with Left-Hand Mechanism, 400 A	1495-N41
	2 N.O. and 2 N.C. — early make/break			1495-N42
	10 A DPDT — early break (for 30 A, Type 1 & 3R only)		1494H Safety Switch	1495-N77
	15 A DPDT — early break (for 30 A, Type 12)			1495-N78
	15 A DPDT — early break (for all 60 A, 100 A, & 200 A, Type 1, 3R, and 12)			
	600 A Disconnect Switch	1494C, 1494G, 1494V Disconnect Switch	1495-N36	

* Requires an adapter kit on new installations.

* One adapter kit enables up to two auxiliary contacts to be installed.

† Additional adapter kit (**Cat. No. 1495-N36**) required for installation on 600 A switch.







	Description		For Use With	Cat. No.	
 Cat. No. 1494R-N3	Lug Connectors (3 per package)		1494C, 1494F, 1494G, and 1494V Disconnect Switches		
	Disconnect Size [A]	Wire Size			
	30	#14...8 AWG Wire		*	
	60	#14...4 AWG Wire		§ 1494R-N1	
	100	#8...1/0 AWG Wire		§ 1494R-N2	
	200	#6...4/0 AWG Wire		§ 1494R-N3	
		#6...250 MCM Wire (oversized)		§ 199-LF1	
	400	(2) of #1/0...250 MCM Wire		§ 1494R-N14	
		#4 AWG...500 MCM Wire (oversized)		§ 1494R-N15	
	600	(2) of #1/0...350 MCM Wire		§ 1494R-N10	
(2) of #1/0...350 MCM Wire		1491-N621 or 1491-R621 600 A fuse blocks	♣ 1494R-N11		
	(1) of #4...500 MCM Wire		♣ 1494R-N12		
 Cat. No. 599-GR1	Ground Connectors		1494C, 1494F, 1494G, and 1494V Disconnect Switches	599-GR1	
	Ground Lug Kits	30...100 A			599-GR2
		200...400 A			599-GR3
		600 A			
		30, 60 A	1494H & 1494HL Safety Switches	599-GR4	
		100, 200 A		599-GR5	
	Neutral Kits		1494H Safety Switches	599-NK1	
	30 A @ 250/600V AC Fusible (Type 1 & 3R)			599-NK2	
	30 A @ 250/600V AC Non-Fusible (Type 1 & 3R)			599-NK3	
	30 A @ 250/600V AC Fusible & Non-Fusible (Type 12)			599-NK4	
	60 A @ 250/600V AC Fusible & Non-Fusible (Type 1 & 3R)			599-NK5	
	60 A @ 250/600V AC Fusible (Type 12)			599-NK6	
	60 A @ 250/600V AC Non-Fusible (Type 12)			599-NK7	
	100 A @ 250/600V AC Fusible (Type 1 & 3R)			599-NK8	
	100 A @ 250/600V AC Non-Fusible (Type 1, 3R, and 12)			599-NK9	
	100 A @ 250/600V AC Fusible (Type 12)			599-NK10	
	200 A @ 250/600V AC Fusible & Non-Fusible (Type 1 & 3R)			599-NK11	
200 A @ 250/600V AC Fusible & Non-Fusible (Type 12)					
	Phase Barrier Kits		1494C, 1494F, 1494G, 1494V		
	Disconnect Size [A]				
	30, 60			1494F-PH2	
	100			1494F-PH3	
	200			1494F-PH4	
	400			1494F-PH5	

* All terminals of the 30 A switches are furnished with self-lifting pressure plate connectors as standard.
 ♣ Each kits contains (2) lugs.
 § Each kit contains (3) lugs.

NEMA Disconnect Switches




Accessories

1

	Description		For Use With	Cat. No.	
	Fuse Clips (6 per package)				
	Fuse Class	Fuse Clip Rating [A]			
		250V	600V	1494C, 1494F, 1494G, and 1494V Disconnect Switches	1401-N41
	30	—	1401-N42		
	60	30	1401-N43		
	—	60	1401-N44		
	100	100	1401-N45		
	200	200	1401-N46		
	30	30	1494C, 1494F, 1494G, and 1494V Disconnect Switches	1401-N42	
	60	60	1494C, 1494F, 1494G, and 1494V Disconnect Switches	1401-N43	
	100	100	1494C, 1494F, 1494G, and 1494V Disconnect Switches	1401-N44	
	200	200	1494C, 1494F, 1494G, and 1494V Disconnect Switches	1401-N45	
	400	400	1494C, 1494F, 1494G, and 1494V Disconnect Switches	1401-N46	
	600	600	1494V-FS600 Fuse Blocks	‡	
	30	—	1494C, 1494F, 1494G, and 1494V Disconnect Switches	1401-N50	
	60	30		1401-N51	
	—	60		1401-N52	
	100	100		1401-N53	
	200	200		1401-N54	
H, R	400	400	1491 Fuse Blocks	1401-N55	
	Class R Fuse Clip Kits		1494H Safety Switches		
	30 A @ 250V AC (Type 1, 3R, 12)				1401-N70
	30 A @ 600V AC (Type 1, 3R)				1401-N71
	30 A @ 600V AC (Type 12)				1401-N72
	60 A @ 250V AC (Type 1, 3R, 12)				1401-N73
	60 A @ 600V AC (Type 1, 3R, and 12)				1401-N74
	100 A @ 250/600V AC (Type 1 & 3R)				1401-N75
	100 A @ 250/600V AC (Type 12)				1401-N76
	200 A @ 250/600V AC (Type 1, 3R, and 12)				1401-N77
	30 A @ 250V AC (Type 1 & 3R)			1494HL Safety Switches	1401-N78
	60 A @ 250V AC (Type 1 & 3R)				1401-N79
	100 A @ 250V AC (Type 1 & 3R)				1401-N80
	200 A @ 250V AC (Type 1 & 3R)				1401-N81

‡ Included with Bulletin 1491 separate mounted fuse blocks. One fuse block kit per pole required.

* Fuse clips not required; fuse bolts directly to terminal.

	Protective Fuse Covers (for use with Bul. 1494C, 1494F, 1494G, and 1494V disconnect switches)				Cat. No.
	Switch Rating [A]	Fuse Class	Fuse Clip Rating [A]		
			250V	600V	
	30	Non-fusible	—	—	1495-N64
	30	H, R	30	—	
	60	H, R	60	—	
	30	J	30	30	
	60	J	60	60	
	100	Non-fusible	—	—	
	30	H, R	—	30	1495-N65
		60	H, R	60	
		100	J	100	
	100	H, R	100	100	1495-N66
		100	J	200	
	200	Non-fusible	—	—	> 1495-N67
	200	H, J, R	200	200	
	200	J	400	400	
	200	Non-fusible	—	—	⌘ 1495-N62
	200	H, J, R	200	200	
	400	Non-fusible	—	—	> 1495-N68
	400	H, J, R	400	400	
400	Non-fusible	—	—	⌘ 1495-N63	
400	H, J, R	400	400		
600	Non-fusible	—	—	> 1495-N61	
600	J	600	600		
600	H, J, R	600	600	+ 1495-N69	
	Protective Line Covers (for use with Bul. 1494C, 1494F, 1494G, and 1494V disconnect switches)				
	30, 60, 100	—	—	—	1495-N80
	200	—	—	—	1495-N81
	400	—	—	—	1495-N82
	600	—	—	—	1495-N83
	Terminal Lug Adapter Kit — allows two wires (maximum 8 AWG) to be installed on the line side or load side (for use with Bul. 1494C, 1494F, 1494G, and 1494V disconnect switches)				
	30	—	—	—	1494R-N16
	60	—	—	—	1494R-N17
	100	—	—	—	1494R-N18
	200, 400	—	—	—	1494R-N19

- > Switch with right-hand mechanism.
- ⌘ Switch with left-hand mechanism.
- + Used with Bulletin 1491-N621 and 1491-R621 on Bulletin 1494V/1494C/1494G.

NEMA Disconnect Switches

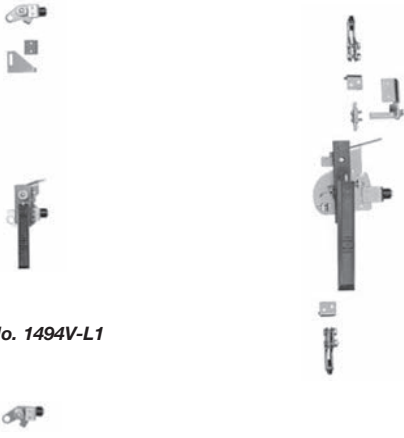


Accessories

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	Description		For Use With	Cat. No.
	Defeater Bracket Extension Kit For use with operating handles that do not align properly with the door catch or door hardware on enclosures with a rolled lip flange construction.		All 1494F and 1494V Handles (except 1494V-R1 and 1494V-R2)	1494V-H12
	Channel Support Kits For use to prevent flexing of the operating handle mounting surface. This is especially useful when the operating handle is mounted on a channel in a multi-door enclosure.		30...200 A Switches Applies only to Operating Handle Cat. Nos. 1494F-P1, M1, and S1.	1494V-H15
	Conduit Hubs (for Type 3R enclosures)* 19.05 mm (3/4 in.) hub	30 A, 60 A, 100 A	1494H Safety Switches	1495-N71
	25.4 mm (1 in.) hub	30 A, 200 A		1495-N72
	31.75 mm (1-1/4 in.) hub	60 A		1495-N73
	38.1 mm (1-1/2 in.) hub	100 A		1495-N74
	50.8 mm (2 in.) hub	—		1495-N75
	63.5 mm (2-1/2 in.) hub	200 A		1495-N76
	Non-Metallic Conduit Connectors		1494G Disconnect Switches	
	1/2 in. (12.7 mm)	30 A		1490-N1
	3/4 in. (19 mm)	30 A		1490-N9
	1 in. (25.4 mm)	30 A		1490-N10
	1-1/4 in. (31.75 mm)	60 A		1490-N11
	1-1/2 in. (38.1 mm)	100 A		1490-N5
	2 in. (50.8 mm)	200 A		1490-N6
	2-1/2 in. (63.5 mm)	200 A		1490-N7
	3 in. (76.2 mm)	400...600 A	1490-N8	
	Grounding Adapters			
	#14...10 AWG, 1/2 in. (12.7 mm)	30 A		1490-N19
	#14...8 AWG, 3/4 in. (19 mm)	30 A		1490-N20
	#14...8 AWG, 1 in. (24.5 mm)	30 A		1490-N21
	#14...4 AWG, 1-1/4 in. (31.8 mm)	60 A		1490-N22
	#8...1/0 AWG, 1-1/2 in. (38.1 mm)	100 A		1490-N23
	#8...1/0 AWG, 2 in. (50.8 mm)	200 A		1490-N24
	#6...2/0 AWG, 2-1/2 in. (63.5 mm)	200 A		1490-N25
	#6...4/0 AWG, 3 in. (76.2 mm)	400...600 A	1490-N26	

* Packaged in quantities of 10.



	Description	For Use With	Cat. No.§
 <p data-bbox="196 590 358 611">Cat. No. 1494V-L1</p> <p data-bbox="196 743 358 764">Cat. No. 1494V-L2</p> <p data-bbox="505 743 667 764">Cat. No. 1494V-L3</p>	<p data-bbox="743 233 1037 321">Type 12 Door Hardware Kit Includes: handle, cam, defeater actuator lever, rollers, and shims</p> <p data-bbox="743 338 1037 384">Enclosure Height less than 40 in. (1016 mm)</p> <p data-bbox="743 401 964 422">Top and Side (Right Hand)</p> <p data-bbox="743 432 951 453">Top and Side (Left Hand)</p> <p data-bbox="743 464 992 510">Enclosure Height 40...60 in. (1016...1524 mm)</p> <p data-bbox="743 527 964 548">Top and Side (Right Hand)</p> <p data-bbox="743 558 805 579">Bottom</p> <p data-bbox="743 590 951 611">Top and Side (Left Hand)</p> <p data-bbox="743 621 805 642">Bottom</p> <p data-bbox="743 653 1013 699">Enclosure Height greater than 60 in. (1524 mm)</p> <p data-bbox="743 716 987 737">Top, Side, and Bottom (Right Hand)</p> <p data-bbox="743 747 1029 768">Top, Side, and Bottom (Left Hand)</p>	<p data-bbox="1154 478 1235 520">1494C, All 1494V</p>	<p data-bbox="1365 317 1463 338">1494V-L1*</p> <p data-bbox="1365 432 1463 453">1494V-LL1*</p> <p data-bbox="1357 495 1471 537">1494V-L1* and 1494V-L2</p> <p data-bbox="1357 579 1471 621">1494V-LL1* and 1494V-L2</p> <p data-bbox="1373 674 1463 695">1494V-L3*</p> <p data-bbox="1365 747 1471 768">1494V-LL3*</p>
 <p data-bbox="285 1262 578 1283">Cat. No. 1494F-L2 and 1494F-L3</p>	<p data-bbox="743 774 1037 863">Type 12 Door Hardware Kit Includes: Handle, cam, defeater actuator lever, rollers, and shims</p> <p data-bbox="743 879 1037 926">Enclosure Height less than 30 in. (762 mm)</p> <p data-bbox="743 942 964 963">Top and Side (Right Hand)</p> <p data-bbox="743 974 987 995">Top and Bottom (Right Hand)</p> <p data-bbox="743 1052 992 1098">Enclosure Height 30...48 in. (762...1219 mm)</p> <p data-bbox="743 1115 987 1157">Top and Bottom (Right Hand)</p> <p data-bbox="743 1167 781 1188">Side</p> <p data-bbox="743 1220 1013 1266">Enclosure Height greater than 48 in. (1219 mm)</p> <p data-bbox="743 1283 987 1325">Top, Side, and Bottom (Right Hand)</p>	<p data-bbox="1154 1031 1219 1073">1494F, 1494D</p>	<p data-bbox="1365 852 1463 873">1494F-L1*</p> <p data-bbox="1365 968 1463 989">1494F-L2*</p> <p data-bbox="1357 1083 1471 1125">1494F-L2* and 1494F-L3</p> <p data-bbox="1365 1262 1463 1283">1494F-L4*</p>
 <p data-bbox="342 1598 521 1619">Cat. No. 1494F-N20</p>	<p data-bbox="743 1337 1037 1593">Master Door Interlock Kits Interlock kits are designed to provide interlocking between the master and auxiliary doors of the same enclosure and for use with Cat. Nos. 1494F-L4 hardware kits or Cat. No. 1494V-L3 hardware kits. Specify one master door kit and as many auxiliary door kits as necessary (9 maximum). Connecting bars must be supplied by user.</p> <p data-bbox="743 1604 987 1625">Auxiliary Door Interlock Kit</p>	<p data-bbox="1154 1436 1219 1520">1494C, 1494F, 1494D, 1494V</p>	<p data-bbox="1365 1451 1463 1472">1494F-N20‡</p> <p data-bbox="1365 1598 1463 1619">1494F-N21</p>

* Door hardware kit does not include rectangular connecting bars (1/4 x 1/2 in.). To be provided by customer.

* Door hardware kit does not include rectangular connecting bars (1/4 x 5/8 in.). To be provided by customer.

‡ Master door interlock kit does not include rectangular connecting bars (3/8 x 3/8 in.). To be provided by customer.

§ If the Rockwell Automation door hardware kits are to be installed in a commercially available enclosure, consult the enclosure manufacturer's application data for proper kit selection.

NEMA Disconnect Switches

Specifications

Bulletin 1494C, 1494F, 1494G, 1494R, 1494V Disconnect Switches

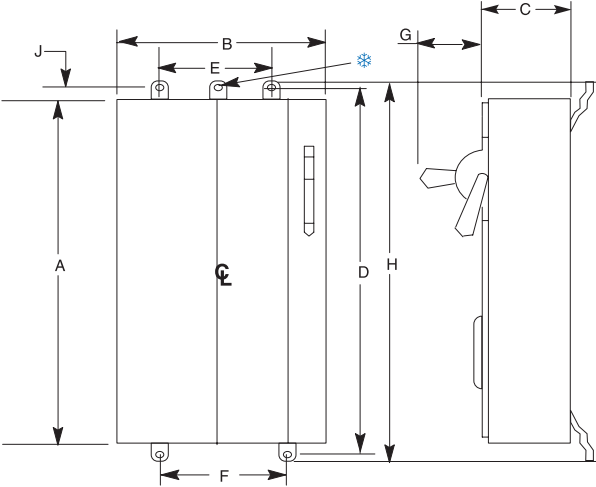
1

			Disconnect Switch Electrical Ratings					
Switch Size			30 A	60 A	100 A	200 A	400 A	600 A
Rated insulation voltage U_i (UL) IEC			(600) 660V					
Ratings UL/CSA/NEMA	Hp	230V/60 Hz	7.5	15	30	60	125	200
		460V/60 Hz	15	30	60	125	250	400
	Continuous Current	575V/60 Hz	20	50	75	150	350	500
		250V DC	5	10	20	40	50	50
Ratings IEC Applications	Maximum kW (AC23)	600V AC	30	60	100	200	400	600
		250V DC						
		220V/50 Hz	5.5	11	22	48	90	150
		440V/50 Hz	11	22	45	90	185	295
		550V/50 Hz	15	37	55	110	257	375
			Auxiliary Contact Electrical Ratings					
NEMA/EEMAC			B600, P300					
IEC Ratings			U_i 660V	I_{th} 10 A				
			ACII U_x	12...120V			I_c	6 A
				220...240V				3 A
			380...400V				1.5 A	
			500...600V				1.2 A	
Low level switching			5 mA @ 12V DC					
			Mechanical					
Degree of protection	Operating handles	Non-metallic Type 1, 3R, 4, 4X, 12, Painted Type 1, 3R, 4, 12 Stainless steel Type 4, 4X						
Mechanical life (Typical)	20 000 operations (30...200 A) 10 000 operations (400...600 A)							
Switching frequency (operations/hr)	30, 60, 100, and 200 A sizes — 300 max. 400 and 600 A sizes — 240 max.							
			Environmental					
Temperature	Operating	-35...+40 °C (-31...+104 °F)						
	Storage	-40...+65 °C (-40...+149 °F)						
Altitude (per IEC 947-5)	2000 m per IEC 337-1							
Relative Humidity (per IEC 947-3)	90% at 20 °C (68 °F) and 50% at 40 °C (104 °F)							
			Design Specification/Test Requirements					
Dielectric strength	2200V for 1 minute							
Electrical life	6000 operations at rated current							
Short Circuit Withstand Capability	10 000 A: unfused 10 000 A: with Class H fuses 200 000 A: with Class J or Class R fuses							
			Construction					
Switch body material	Phenolic							
Contact material	Copper, tin-plated							
Terminals	30 A	#10 - 32 screw and self-lifting pressure plate						
	60 A	1/4 in. - 28 screw-lug, copper						
	100 A	5/16 in. - 24 screw-lug, copper						
	200 A	3/8 in. - 24 screw-lug, copper						
	400 A	3/8 in. - 24 screw-lug, copper						
	600 A	1/2 in. - 13 screw-lug, copper						
All wire rated 75 °C (167 °F) or higher must be sized per the local Electric Code for 75 °C (167 °F) wire.								
Conductor Size (mm ²)	30 A	#14...8 AWG (1.5...10 mm ²)						
	60 A	#14...4 AWG (2.5...16 mm ²)						
	100 A	#8...1/0 AWG (10...50 mm ²)						
	200 A	#6...4/0 AWG (16...95 mm ²)						
	400 A	2 of #1/0 AWG...250 MCM (2 per lug) 2 of 185 mm ² ...250 MCM or (1) #4 AWG...500 MCM						
	600 A	2 of #1/0 AWG...350 MCM (2 per lug) 2 of 185 mm ² ...350 MCM or (1) #4 AWG...500 MCM						
Recommended Torque	30 A	Conductor into Lug			Lug to Terminal			
	60 A	20 lb•in			20 lb•in			
	100 A	45 lb•in			50 lb•in			
	200 A	150 lb•in			90 lb•in			
	400 A	275 lb•in			175 lb•in			
	600 A	325 lb•in			175 lb•in			
Switches, Mechanisms, and Accessory Kits			Zinc-plated steel, RoHS Compliant finish					



Approximate dimensions are shown in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.

Bulletin 1494G, 1494GX, 1494GY Enclosed Disconnect Safety Switches
 Type 3R/4/12 (Enclosure Code "F") Painted Metal Enclosures



1

Size [A]	Fuse Style*	Number of Poles	Bulletin No.	Approximate Dimensions in Inches (Millimeters)									Approx. Shipping Weight [lb (kg)]
				A Height	B Width	C Depth	D Mounting	E Mounting	F Mounting	G Handle Depth	H	J	
30	A	2 or 3	1494G	13-5/16 (338)	10-1/2 (267)	8-1/4 (210)	14-11/16 (373)	*	5-1/4 (133)	5-9/16 (141)	15-21/32 (398)	11/32 (9)	20 (9.07)
60				20 (509)	10-1/2 (267)	10-3/16 (259)	21-7/16 (545)	*	5-1/4 (133)	5-9/16 (141)	22-13/32 (569)	11/32 (9)	30 (13.6)
30	B	2 or 3	1494G	27-1/2 (698)	10-1/2 (267)	8-1/4 (210)	28-7/8 (733)	*	5-1/4 (133)	5-9/16 (141)	29-7/8 (759)	13/16 (21)	60 (27.21)
60													
100	A	6	1494G	27-1/2 (698)	10-1/2 (267)	8-1/4 (210)	28-7/8 (733)	*	5-1/4 (133)	5-9/16 (141)	29-7/8 (759)	13/16 (21)	60 (27.21)
30	C												
60	C												
100	D												
30	A	2 or 3	1494GY	27-1/2 (698)	10-1/2 (267)	8-1/4 (210)	28-7/8 (733)	*	5-1/4 (133)	5-9/16 (141)	29-7/8 (759)	13/16 (21)	60 (27.21)
60	B												
30	A	2 or 3	1494GX	30 (762)	20-1/2 (521)	10-3/16 (259)	31-3/8 (797)	15-1/4 (387)	15-1/4 (387)	5-9/16 (141)	32-3/8 (822)	13/16 (21)	90 (40.82)
60	B												
100	D	6	1494G	31-1/2 (800)	10-1/2 (267)	10-3/32 (257)	32-7/8 (835)	*	5-1/4 (133)	5-9/16 (141)	33-27/32 (860)	11/32 (9)	70 (31.73)
100	A	2 or 3	1494GY										
100	B	2 or 3	1494G	31-1/2 (800)	10-1/2 (267)	10-3/32 (257)	32-7/8 (835)	*	5-1/4 (133)	5-9/16 (141)	33-27/32 (860)	11/32 (9)	70 (31.73)
100	C	6											
200	A	2 or 3	1494G	50 (1270)	22 (559)	11-1/2 (292)	51-3/8 (1305)	15-1/4 (387)	15-1/4 (387)	5-9/16 (141)	52-11/32 (1330)	11/32 (9)	200 (90.7)
200	B	2 or 3											
400	A	2 or 3	1494G	50 (1270)	22 (559)	11-1/2 (292)	51-3/8 (1305)	15-1/4 (387)	15-1/4 (387)	7-5/8 (194)	52-11/32 (1330)	11/32 (9)	200 (90.7)
600	A												
400	B	2 or 3	1494G	56 (1422)	30-1/2 (775)	13-51/64 (350)	57-5/8 (1464)	20 (508)	25-1/4 (641)	7-5/8 (194)	62-5/8 (1590)	1 (25.4)	300 (136.05)
600	B												

* A = Non-Fusible, Fusible 250V - Class H/R, Fusible 600V - Class J
 B = Fusible 600V - Class H/R
 C = Non-fusible
 D = Fusible 250V - Class H/R, Fusible 600V - Class J

* These enclosures have one top mounting hole located on the center line. All other enclosures have two top mounting holes located as shown.

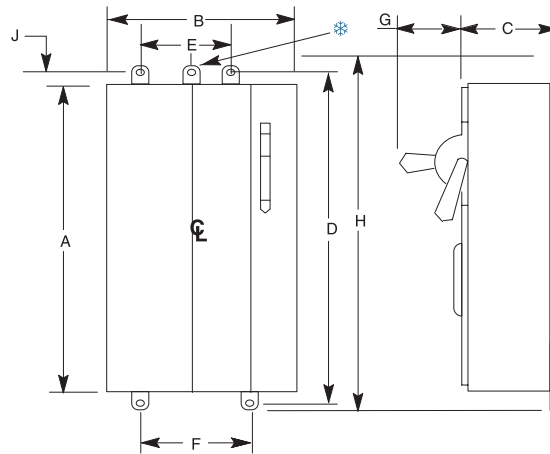
NEMA Disconnect Switches

Approximate Dimensions

Approximate dimensions are shown in inches (millimeters). Dimensions are not intended to be used for manufacturing purposes.

Bulletin 1494G, 1494GX, 1494GY Enclosed Disconnect Safety Switches

Type 4/4X (Enclosure Code "C") Stainless Steel Enclosure



Size [A]	Fuse Style*	Number of Poles	Bulletin No.	Approximate Dimensions in Inches (Millimeters)									Approx. Shipping Weight [lb (kg)]
				A Height	B Width	C Depth	D Mounting	E Mounting	F Mounting	G Handle Depth	H	J	
30	A	2 or 3	1494G	13-5/16 (338)	10-1/2 (267)	8-9/16 (217)	14-11/16 (373)	*	5-1/4 (133)	5-9/16 (141)	15-21/32 (398)	13/16 (21)	20 (9.07)
30	B	2 or 3	1494G	27-1/2 (698)	10-1/2 (267)	8-1/4 (210)	28-7/8 (733)	*	7 (178)	5-9/16 (141)	29-3/4 (756)	13/16 (21)	60 (27.21)
	C	6											
60	B	2 or 3											
	D	6											
30	A	2 or 3	1494GY	30 (762)	20-1/2 (521)	9-7/8 (251)	31-3/8 (797)	17 (432)	17 (432)	5-9/16 (141)	32-1/4 (819)	13/16 (21)	90 (40.82)
	B												
60	A	2 or 3	1494GX	50 (1270)	22 (559)	11-3/16 (284)	51-3/8 (1305)	18-1/2 (470)	18-1/2 (470)	5-9/16 (141)	52-1/4 (1327)	13/16 (21)	200 (90.7)
	B												
100	A	2 or 3	1494G	56 (1422)	30-1/2 (775)	13-51/64 (350)	57-5/8 (1464)	20 (508)	25-1/4 (641)	7-5/8 (194)	58-5/8 (1489)	1 (25.4)	300 (136.05)
	B												
300	A	2 or 3	1494G	56 (1422)	30-1/2 (775)	13-51/64 (350)	57-5/8 (1464)	20 (508)	25-1/4 (641)	7-5/8 (194)	58-5/8 (1489)	1 (25.4)	300 (136.05)
	B												

* A = Non-Fusible, Fusible 250V - Class H/R, Fusible 600V - Class J
 B = Fusible 600V - Class H/R
 C = Non-fusible
 D = Fusible 250V - Class H/R, Fusible 600V - Class J

* These enclosures have one top mounting hole located on the center line. All other enclosures have two top mounting holes located as shown.