

Variable-Depth Flange-Mounted Disconnect Switches

Product Selection — Disconnect Switch Components

Disconnect Switches

Continuous Current Rating [A] 600V AC 250V DC	NEMA, UL, CSA Maximum Rating Hp				AC 1-Phase		DC*	IEC Utilization Category AC-23 Maximum Rating kW			Switch with Right-Hand Mechanism	Switch with Left-Hand Mechanism
	3-Phase, 60 Hz							3-Phase, 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

* Ratings based on utilizing two poles in series to break one line of the DC supply voltage and the remaining pole breaking the second DC supply line.

‡ Switch can be converted in the field for 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
	6-3/4 (172)	21-5/8 (549)	1494V-RA4
400, 600	9-1/2 (241)	10 (254)	▶ 1494V-RB3
	9-1/2 (241)	23 (584)	▶ 1494V-RB4

* Enclosure depth is measured from the top of the flange to the disconnect switch mounting surface (mm).

▶ Kit includes two connecting rods.

Operating Handles

Handle Type	Description	Mounting	Disconnect Switch Size [A]	Cat. No.
Type 1, 3R, 4, 4X, 12	Nonmetallic	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 below.

Disconnect Switch Size [A]	Cat. No.
30	1494V-FS30
60	1494V-FS60
100	1494V-FS100
200	❖ 1494V-FS200
400	1494V-FS400
600 — 600 A Class J fuse	1494V-FS600
600 — 400 A Class H, J, and R fuse	1494V-FSV400
600 — 600 A Class H fuse	‡ 1491-N621
600 — 600 A Class R fuse	‡ 1491-R621

❖ When installing 400 A Class J fuses, use adapter kit that bolts to the switch (Cat. No. **1401-N171**). Fuse clips are not required.

‡ Separately mounted fuse blocks (3 required).

Fuse Clip Kits

Includes six clips and mounting hardware.

Fuse Class	Fuse Clip Rating [A]		For Use With	Cat. No.
	250V	600V		
H	30	—	1494C, 1494F, 1494G, 1494M, 1494V Disconnect Switches	1401-N41
	60	30		1401-N42
	—	60		1401-N43
	100	100		1401-N44
	200	200		1401-N45
	400	400		1401-N46
	600	600		§
J	30	30	1494C, 1494F, 1494G, 1494M, 1494V Disconnect Switches	1401-N42
	60	60		1401-N43
	100	100		1401-N44
	200	200		1401-N45
	400	400		1401-N46
R	600	600	1494C, 1494F, 1494G, 1494M, 1494V Disconnect Switches	▲
	30	—		1401-N50
	60	30		1401-N51
	—	60		1401-N52
	100	100		1401-N53
	200	200		1401-N54
	400	400		1401-N55
600	600	§		

▲ Fuse clips not required: fuse bolts directly to terminal.

§ Included with Bulletin 1491 separately mounted fuse blocks.



Cable-Operated Disconnect Switches

Product Selection — Disconnect Switch Components

Disconnect Switches

Cont. Current Rating* [A] 600V AC 250V DC	NEMA, UL, CSA Maximum Rating Hp				AC 1-Phase		DC*	IEC Utilization Category AC-23 Maximum Rating kW			Switch for Right-Hand Mechanism	Switch for Left-Hand Mechanism
	3-Phase, 60 Hz				115	230		3-Phase, 50 Hz			Cat. No. Switch Only	Cat. No. Switch Only
	200...208V	230V	460V	575V			220...240V	380...440V	500...600V			
30	7.5	7.5	15	20	2	3	5	5.5	11	15	1494F-D30	1494F-DX30
60	15	15	30	50	3	10	10	11	22	37	1494F-D60	1494F-DX60
100	25	30	60	75	—	—	20	22	45	55	1494F-D100	1494F-DX100
200	50...60	60	125	150	—	—	40	48	90	110	1494F-D200	1494F-DX200
400	75	125	250	350	—	—	50	90	185	257	1494F-D400	1494F-DX400
600	150	200	400	500	—	—	50	150	295	375	1494V-DS600 ‡	1494V-DS600

* Also rated operational current for utilization categories AC-20 and AC-21 (IEC 408).

‡ Ratings based on utilizing two poles in series to break one line of the DC supply voltage and the remaining pole breaking the second DC supply line.

‡ Switch can be converted in the field for left-hand operation.

Cable Mechanisms

Disconnect Switch Size [A]	Cable Length [ft]	Right-Hand Cable Mechanisms	Left-Hand Cable Mechanisms
		Cat. No.	Cat. No.
30, 60, 100	3	1494C-CM1	1494C-CMX1
	4	1494C-CM2	1494C-CMX2
	5	1494C-CM3	1494C-CMX3
	10	1494C-CM4	1494C-CMX4
200	4	1494C-CM5	1494C-CMX5
	5	1494C-CM6	1494C-CMX6
	6	1494C-CM7	1494C-CMX7
	10	1494C-CM8	1494C-CMX8
400	4	1494C-CM9	1494C-CMX9
	5	1494C-CM10	1494C-CMX10
	6	1494C-CM11	1494C-CMX11
	10	1494C-CM12	1494C-CMX12
600	4	1494C-CM13	1494C-CMX13
	5	1494C-CM14	1494C-CMX14
	6	1494C-CM15	1494C-CMX15
	10	1494C-CM16	1494C-CMX16

Operating Handles

Handle Type	Description	Mounting	Disconnect Switch Size [A]	Cat. No.
Type 1, 3R, 4, 4X, 12	Nonmetallic	Right or Left Flange	30, 60, 100, 200	1494F-P1
Type 1, 3R, 4, 12	Painted Metal	Right or Left Flange	30, 60, 100, 200 400, 600	1494F-M1 1494F-M2
Type 4, 4X	Stainless Steel	Right or Left Flange	30, 60, 100, 200 400, 600	1494F-S1 1494F-S2

Trailer Fuse Block Kits

For Class H, J, or R fuses, select the proper fuse clip kit from the table below.

Disconnect Switch Size [A]	Cat. No.
30	1494V-FS30
60	1494V-FS60
100	1494V-FS100
200	‡ 1494V-FS200
400	1494V-FS400
600 — 600 A Class J fuse	1494V-FS600
600 — 400 A Class H, J, and R fuse	1494V-FSV400
600 — 600 A Class H fuse	‡ 1491-N621
600 — 600 A Class R fuse	‡ 1491-R621

‡ When installing 400 A Class J fuses, use adapter kit that bolts to the switch (**Cat. No. 1401-N171**). Fuse clips are not required.

‡ Separately mounted fuse blocks (3 required).

Fuse Clip Kits

Includes six clips and mounting hardware.

Fuse Class	Fuse Clip Rating [A]		For Use With	Cat. No.
	250V	600V		
H	30	—	1494C, 1494F, 1494G, 1494M, 1494V Disconnect Switches	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		▶	

▲ Fuse clips not required: fuse bolts directly to terminal.

▶ Included with Bulletin 1491 separately mounted fuse blocks.

Fixed-Depth Flange-Mounted Disconnect Switches

Product Overview/Product Selection

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Cat. No. 1494F-N30
Disconnect Switch with Cat. No. 1494F-F30 Fuse Block Adapter Plate and Operating Mechanism

Bulletin 1494F — Fixed-Depth Flange-Mounted Disconnect Switches

Industrial rated disconnects. Pre-assembled switch, mechanism, and handle on a mounting bracket for use in flange constructed enclosures.

- 3-pole, 600V AC rating
- 30, 60, 100, and 200 A ratings
- Same switch used for fusible and non-fusible applications
- Few catalog numbers to choose from, that accommodate a wide range of fuse clip types (Class H, J, and R)
- Accessories field installed
- NFPA 79 Compliant — Disconnect switch linked to the handle at all times
- Visible blade construction for safety
- Right-hand flange operation
- Standard painted metal handle for Type 1, 3R, and 12, environments
- Lockable handle

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Standards Compliance

UL 98
 CSA C22.2, No. 4

Certifications

UL Listed (File No. E47426, Guide No. WHTY)
 CSA Certified (File No. LR1234)
 CE Certified

Disconnect Switches

Choose a disconnect switch catalog number plus any additional accessories from the fuse clip kit and fuse block adapter plate kit tables.

Disconnect Switches for Type 1, 3R, and 12 Enclosures

Continuous Current Rating [A] 600V AC 250V DC	UL and CSA Applications Maximum Hp				AC 1-Phase		DC*	IEC Applications Maximum kW (AC23)			Fusible or Non-Fusible Switch Cat. No.
	3-Phase, 60 Hz							3-Phase, 50 Hz			
	200... 208V	230V	460V	575V	115V	230V	250V	220... 240V	380... 440V	500... 600V	
30	7.5	7.5	15	20	2	3	5	5.5	11	15	1494F-N30
60	15	15	30	50	3	10	10	11	22	30	1494F-N60
100	25	30	60	75	—	15	20	22	45	55	1494F-N100
200	50...60	60	125	150	—	—	40	45	75	75	1494F-N200

* Ratings based on utilizing two poles in series to break one line of the DC supply voltage and the remaining pole breaking the second DC supply line.

Fuse Clip Kit and Fuse Block Adapter Plate Kit

Select both a fuse clip kit and a fuse block adapter plate.

Switch Rating [A]	Fuse Clip Rating [A]	 Fuse Clip Kit				
		Class R		Class J	Class H	
		250V	600V	250/600V	250V	600V
		Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
30	30	1401-N50	1401-N51	1401-N42	1401-N41	1401-N42
	60	1401-N51	1401-N52	1401-N43	1401-N42	1401-N43
60	30	1401-N50	1401-N51	1401-N42	1401-N41	1401-N42
	60	1401-N51	1401-N52	1401-N43	1401-N42	1401-N43
	100	1401-N53	1401-N53	1401-N44	1401-N44	1401-N44
100	60	1401-N51	1401-N52	1401-N43	1401-N42	1401-N43
	100	1401-N53	1401-N53	1401-N44	1401-N44	1401-N44
	200	1401-N54	1401-N54	1401-N45	1401-N45	1401-N45
200	100	1401-N53	1401-N53	1401-N44	1401-N44	1401-N44
	200	1401-N54	1401-N54	1401-N45	1401-N45	1401-N45
	400	—	—	1401-N171	—	—

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 Fuse Block Adapter Plate Kit Cat. No.
1494F-F30
1494F-F60
1494F-F100
1494F-F200

