SIEMENS

SELECTION GUIDE

Enclosed Safety Switches

siemens.ca/powerdistribution

The Industry's Most Trusted Safety Switches

Siemens safety switches provide superior performance and application flexibility.

An extended array of accessories and replacement parts reduce installation costs. They feature quick-make quick-break operation and visible blade construction. The variety of NEMA rated enclosures allow for versatile environmental applications.

Light Duty Enclosed Switches

Plug Fuse and 60A Special Application Type

Features:

- CSA Certified under file #24563
- Compact size
- Horsepower rated
- Indoor and outdoor enclosures
- Quick-make quick-break mechanism
- Visible "ON"-"OFF" indications
- Padlock-off handle feature
- Door padlock provision
- All fusible switches suitable for use as service entrance equipement
- Bondable neutral (where indicated)
- Lugs suitable for copper or aluminum wire
- Switches accept plug fuses only – fuses not included
- Hubs
- Ground Bar Kit: GSGK60[1]

ID Switches

Features:

- CSA Certified under file #13076
- General duty switch designed for the Canadian contruction market
- Compact size with integrated handle
- Type 1 enclosure for indoor applications
- Quick-make quick-break mechanism
- Visible "ON"-"OFF" indications
- Padlock-off handle feature
- Door padlock provision
- ID switches will accept the following CSA class fuses: Class H, Class K, Class R (Adapter kits are required) and Class T (Adapter kits are required)
- Fuse Puller included for 30-200A
- Manufactured in Canada for quick delivery and easy access to replacement parts
- Compact load break switch rated for service entrance applications at 240V
- Solid neutral bonded to the enclosure

1 Bottom cable entry and exit only. No hub provision supplied. GSGK60 is included and factory installed.

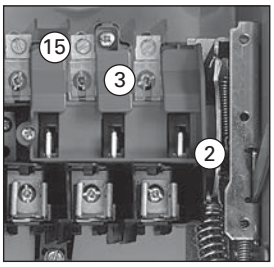
General Duty Safety Switches

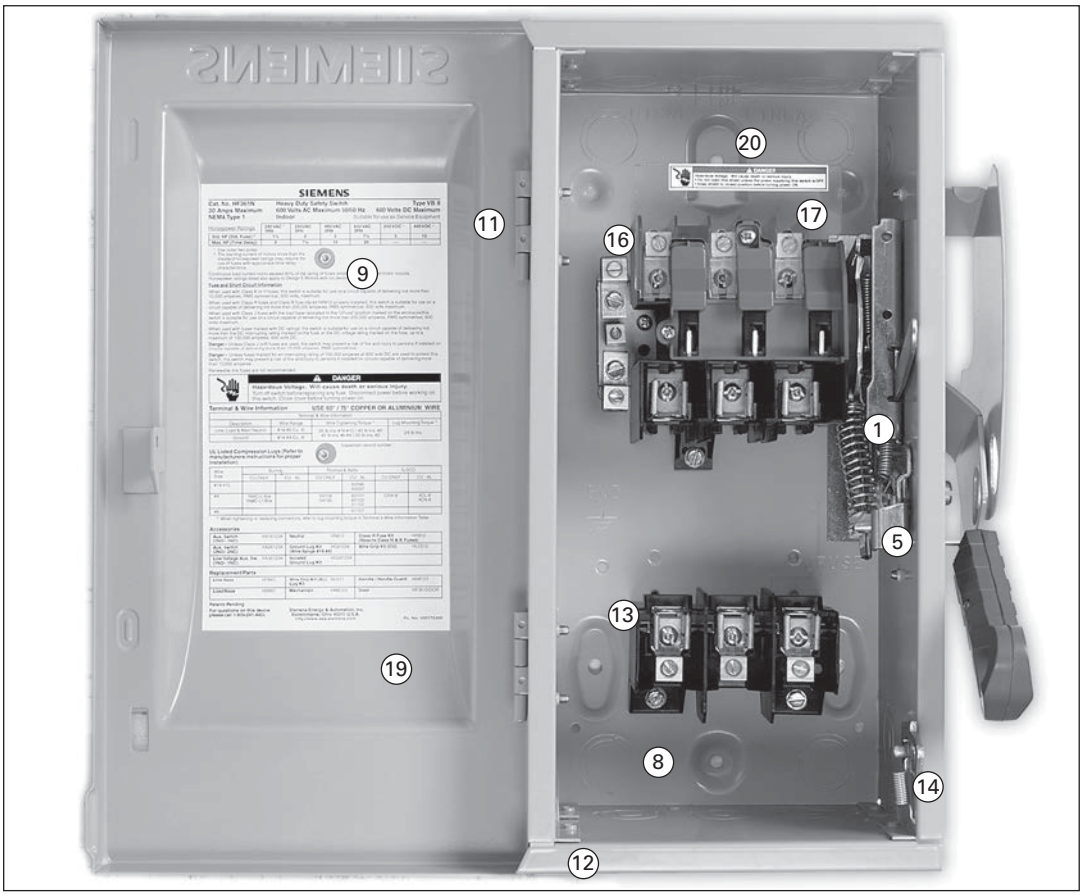
Features:

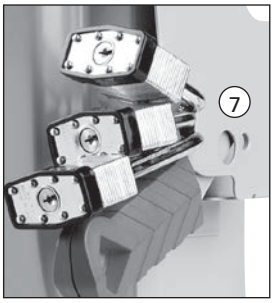
- Rated from 30-200A at 240V
- Tangential knockouts through 200A for easy conduit lineup
- Quick-make quick-break operating mechanism that ensures positive operation
- Generous wiring gutters that meet or exceed CEC wire-bending space requirements
- Visible blade, double-break switch action
- Highly visible red handle grip
- Informative door labeling which includes replacement parts list
- Handle and cover padlocking provisions
- Side-hinged door that opens 180 degrees for easier wiring
- A unique enclosure design that adds rigidity and strength. Its rolled edge prevents cuts and scrapes to conductors and to installer's hands
- Cover interlock
- Provisions for T, R, J, H, and K class fuses (T & J 100-200A)

Heavy Duty Safety Switches

Product Overview







1. Quick-make quick-break operating mechanism that ensures positive operation.
2. Visible blade, double-break switching action.
3. Arc chutes dissipate heat and prolong switch life.
4. Highly visible red handle grip. Designed for hook stick operation.
5. Defeatable dual cover interlock.
6. Center punch provided for field drilling to allow ON padlocking.
7. Handle can be padlocked in the OFF position with up to (3) padlocks with 5/16" hasps.
8. Generous top, bottom and side gutters that meet or exceed CEC wire-bending space requirements.
9. Informative door labeling which includes replacement parts list.
10. Tangential knockouts through 600A for easy conduit lineup.
11. Side-hinged door that opens past 180 degrees for easier wiring.
12. Unique enclosure design increases rigidity and prevents cuts and scrapes to conductors and installer's hands.
13. Spring reinforced fuse clips that assure reliable contact for cool operation.
14. Door latch securely holds door closed and allows cover padlocking.
15. Front removable mechanical lugs that are suitable for CU/AI 60 or 75°C conductors.
16. Lugs are field convertible to copper body and to a wide variety of compression connectors.
17. Hinged clear line terminal shield with probe holes for inspecting or testing line side terminals.
18. Embossed aluminum nameplate on Heavy Duty Switches.
19. Drawn cover for increased rigidity and resistance to abuse.
20. Top key hole and bottom mounting holes provide easy 2 or 3 point mounting.

Enclosure Types

A **Type 1** enclosures are intended for indoor use primarily to provide protection against contact with the enclosed equipment in locations where unusual service conditions do not exist.

B **Type 3R** enclosures are intended for outdoor use primarily to provide a degree of protection against falling rain and sleet and must remain undamaged by the formation of ice on the enclosure. They are not intended to provide protection against conditions such as dust, internal condensation, or internal icing.

C **Type 4, 4X** enclosures are intended for indoor or outdoor use primarily to provide a degree of protection against windblown dust, rain, splashing water and hose-directed water. They are not intended to provide protection against conditions such as internal condensation or internal icing. Also meets 4X definition by providing a high degree of protection against corrosion. Siemens 30-200A stainless steel 4X switches are supplied stainless interior parts and hardware as standard.

D **Type 12**[1] enclosures are intended for indoor use primarily to provide a degree of protection against dust, falling dirt and dripping water. They are not intended to provide protection against conditions such as internal condensation.

Type 7/9 enclosures for use in hazardous locations. Use with molded case switches listed in Section 5 of the Siemens Canada Power Product Catalogue.

A

B

C

D

[1] VBII Type 12 switches are also rated 3R and 3S for outdoor use. Type 3R is defined in B above. 3S rated enclosures provide a degree of protection against windblown dust and allow operation when the enclosure is ice laden.

Feature Comparison

Features

Light Duty (Plug Fuse)	ID Switches	VBII General Duty	VBII Heavy Duty	Double Throw	Features/Ratings
—	•	—	•	•	30 thru 600 Amps
—	—	—	•	—	800 and 1200 Amps
•	•	•	•	•	240 Volt AC
—	•	—	•	•	600 Volt AC
—	—	—	•	•	250 Volt DC
—	—	—	•	—	600 Volt DC
—	—	•	•	•	Double-break visible blade design (30-200A)
•	•	•	•	•	Quick-make quick-break switching action
•	•	•	•	•	Highly visible ON/OFF handle indication
•	•	•	—	•	Handle design for hook stick operation
•	•	•	•	•	Padlockable cover latch
•	•	•	•	•	Padlockable handle
—	•	•[3]	•	•	Single voidable cover interlock
—	•	—	•	•	Dual voidable cover interlock
•	•	•	•	•	Type 1 enclosure
•	—	—	•	•	Type 3R enclosure
—	—	—	•	—	Type 12 enclosure
—	—	—	•	—	Type 4/4X enclosures
•	•	•	•	•	Generous wiring gutters that meet CSA and CEC wire-bending space requirements
•	•	•	•	•	Lugs suitable for copper or aluminum at 60° or 75°C
•	•	•	•	•	CU/AL wire lugs that meet CSA C22.2 No.65-03 requirements
—	—	—	•	•	Suitable for field-convertible – compression connectors
—	•	•[6]	•	•	All plated copper current carrying parts (except lugs)
—	•	•	•	•	Spring reinforced Fuse Clips (except 30A general duty)[2]
—	•	—	•	•	Clear line terminal shield available
—	•	•	•	•	Replacement parts
—	—	—	•	—	Field addable 200% neutral
—	•	•[7]	•[7]	•[7]	Provisions for CSA Class T, R and H Fuses
—	•[1]	—	•	•[1]	Provisions for CSA Class J and L Fuses
—	—	—	•	•	Metal nameplate
—	•	—	•	•	Aux. switch kits
—	—	—	•[4]	—	Type 4X with stainless steel interior parts
—	—	•[5]	•	—	Rolled flange enclosure design

[1] Only 800 & 1200A HD switches will accept Class L fuses.
[2] 30A general duty switches have fuse clips constructed of spring type copper.
[3] Not supplied on 30A outdoor & plug fuse switches.
[4] 30-200A Type VBII in stainless steel enclosures.
[5] 60-200A.
[6] 200A general duty switches have aluminum neutral assemblies.
[7] 100-200A GD, 100-200A DT and 100-1200A HD switches will accept Class T fuses.

Light Duty Enclosed Switches

Selection table

Ampere Rating	Indoor - Type 1		Outdoor - Type 3R		Horsepower Ratings[1]	
	Catalogue Number	Ship. Wt. (lbs.)	Catalogue Number	Ship. Wt. (lbs.) Pkg. of 10	1-Phase, 2-Wire	
					Standard	Maximum
120/240 Volt Fusible						
1-Pole and Solid Neutral[2]					120 Volt – 1-Phase, 2-Wire	
30	LFC111N	3.6	-	-	1/2	2
2-Pole and Solid Neutral[2]					120/240 Volt – 2-Phase, 3-Wire	
30	LFC211N	3.5	LFC211NR	35	1/2	2
240 Volt Non-Fused						
2-Pole Special Application Switch					240 Volt – 1-Phase, 2-Wire	
60	-	-	LNFC222R[3]	35	3	10

1 Dual horsepower ratings: Std. – applies when non-time delay plug fuses are installed. Max – applies when time-delay plug fuses are installed.

2 Has service entrance label. CSA certified as "Enclosed Switches" (suitable for use as service equipment where indicated).

ID Switches

Selection table

Ampere Rating	Indoor - Type 1		Horsepower Ratings							Skid Qty.
	Catalogue Number	Unit Weight - lbs (kg)	240V AC		480V AC		600V AC		250 Volt DC	
			1-Phase	3-Phase	1-Phase	3-Phase	1-Phase	3-Phase		
240 Volt Fusible										
2-Pole, 2-Fuse and Solid Neutral[1] (240 Volt AC.)										
30	ID221	13 (5.90)	-	-	-	-	-	-	-	55
60	ID222	13 (5.90)	-	-	-	-	-	-	-	55
100	ID223	18 (8.17)	-	-	-	-	-	-	-	30
200	ID224	32 (14.52)	-	-	-	-	-	-	-	20
400	ID225	76 (34.47)	-	125	-	-	-	-	-	6
600	ID226	88 (39.92)	-	200	-	-	-	-	-	6
3-Pole, 3-Fuse (240 Volt AC.)										
30	ID321	12.61 (5.72)	3	7.5	-	-	-	-	-	55
60	ID322	12.61 (5.72)	10	15	-	-	-	-	-	55
100	ID323	17.22 (7.81)	15	30	-	-	-	-	-	30
200	ID324	31.52 (14.3)	15	60	-	-	-	-	-	20
3-Pole, 3-Fuse and Solid Neutral[1] (240 Volt AC.)										
30	ID421	13 (5.90)	-	-	-	-	-	-	-	55
60	ID422	13 (5.90)	-	-	-	-	-	-	-	55
100	ID423	18 (8.17)	-	-	-	-	-	-	-	30
200	ID424	32 (14.52)	-	-	-	-	-	-	-	20
400	ID425	89 (40.36)	-	125	-	-	-	-	-	6
600	ID426	102 (46.27)	-	200	-	-	-	-	-	6
600 Volt Fusible										
3-Pole, 3-Fuse (240 Volt AC / 480 Volt AC / 600 Volt AC.)										
30	ID361	12.61 (5.72)	3	7.5	-	15	10	20	-	55
60	ID362	12.61 (5.72)	10	15	-	30	25	50	-	55
100	ID363	17.22 (7.81)	15	30	-	60	40	75	-	30
200	ID364	31.52 (14.3)	15	60	-	125	50	150	-	20
400	ID365	88 (39.62)	-	125	-	250	-	350	-	6
600	ID366	101 (45.81)	-	200	-	400	-	600	-	6
600 Volt Non-Fusible										
3-Pole, 3-Fuse (240 Volt AC / 480 Volt AC / 600 Volt AC.)										
30	ID361NF	12.18 (5.52)	3	7.5	-	15	10	20	-	55
60	ID362NF	12.18 (5.52)	10	15	-	30	25	50	-	55
100	ID363NF	16.58 (7.52)	15	30	-	60	40	75	-	30
200	ID364NF	29.64 (13.44)	15	60	-	125	50	150	-	20
400	ID365NF	87 (39.46)	-	125	-	250	-	350	-	6
600	ID366NF	97 (44)	-	200	-	400	-	600	-	6

1 Suitable for use as service equipment when neutral is bonded to the enclosure.

General Duty Safety Switches

Selection table

Ampere Rating	Indoor - Type 1		Outdoor - Type 3R		Horsepower Ratings[1]						
	Catalogue Number	Ship. Wt. (lbs.) Std. Pkg.	Catalogue Number	Ship. Wt. (lbs.) Std. Pkg.	240V AC						250 Volt DC
					1-Phase, 2-Wire		2-Phase, 4-Wire		3-Phase, 3-Wire		
					Std.	Max.	Std.	Max.	Std.	Max.	Std.
240 Volt Fusible											
2-Pole, 2-Fuse, and Solid Neutral[2,3] (240 Volt AC/250 Volt DC)											
100	GFC223N	23	-	-	7½	15	-	-	15	30	20
200	GFC224N	47	-	-	15	-	-	-	25	60	40
3-Pole, 3-Fuse, and Solid Neutral[2,4] (240 Volt AC/250 Volt DC)											
100	GFC323N	25	-	-	7½	15	-	-	15	30	20
200	GFC324N	49	-	-	15	-	-	-	25	60	40

1 Dual horsepower ratings: Std.- applies when non-time delay fuses are installed. Max.- applies when time-delay fuses are installed.

2 Service entrance labeled.

3 Suitable for use on 3-phase motor loads.

4 Quantity 5 switches per standard package.

Heavy Duty Safety Switches

Selection table – 240 Volt Fusible[8]

Ampere Rating	Indoor - Type 1		Outdoor - Type 3R			Horsepower Ratings[2]				
	Catalogue Number	Ship. Wt. (lbs.) Std. Pkg.	Catalogue Number	Ship. Wt. (lbs.) Std. Pkg.	Hub Type[4]	240V AC				250 Volt DC
						1-Phase, 2-Wire		3-Phase, 3-Wire		
						Std.	Max.	Std.	Max.	Std.
240 Volt Fusible[1]										
3-Pole, 3-Fuse and Solid Neutral *[Also used for 3-Pole, 3-Wire Applications]* (240 Volt AC/250 Volt DC)										
30	HFC321N	13	HFC321NR	14	ECHS	1½	3	3	7½	5
60	HFC322N	18	HFC322NR	19		3	10	7½	15	10
100	HFC323N	25	HFC323NR	26		7½	15	15	30	20
200	HFC324N	49	HFC324NR	50		15	-	25	60	40
400	HFC325NA	94.6	HFC325NRA	94.6	ECHV	15	-	50	125	50
600	HFC326NA	99.6	HFC326NRA	99.6		15	-	75	200	50
800	HFC327N	375	HFC327NR	375		-	-	100	250	50
1200	HFC328N	395	HFC328NR	388		-	-	100	250	50
240 Volt Fusible										
3-Pole, 3-Fuse *[Also used for 2-Pole, 2-Wire Applications in 400-800A Ratings]* (240 Volt AC/250 Volt DC)										
	Type 4/4X Stainless[7]		**Type 12 Industrial[5]**		**Hub Type[3]**					
30	HFC321S	14	HFC321J	14	SSH	1½	3	3	7½	5
60	HFC322S	20	HFC322J	20		3	10	7½	15	10
100	HFC323S	25	HFC323J	25		7½	15	15	30	20
200	HFC324S	49	HFC324J	49		15	-	25	60	40
400	HF325SA[6]	93	HF325JA[6]	93	*	15	-	50	125	50
600	HF326SA[6]	98	HF326JA[6]	98		15	-	75	200	50
800	HFC327S■	370	HFC327J■	365		-	-	100	250	50

■ Built to order.

1 Suitable for use as service equipment when neutral is bonded to the enclosure.

2 Dual horsepower ratings: Std.- applies when non-time delay fuses are installed. Max.- applies when time-delay fuses are installed.

3 Hub type SSH are suitable for type 4/4X and type 12 applications.

4 Hub catalogue number available in Power Products Catalogue p. 3-26

5 Also rated for Type 3S/3R application. Factory provided drain plug must be removed from the bottom of the enclosure for type 3S/3R application.

6 For equipment suitable as service entry, order HFC325NSA, HFC326NSA, HFC325NJA or HFC326NJA based on the amperage and enclosure type required.

7 304 grade stainless steel.

8 2-pole, 2-wire applications are also available in Power Products Catalogue Section 3

* Consult Siemens representative

Heavy Duty Safety Switches

Selection table – 600 Volt Fusible – Indoor[5]

Ampere Rating	Indoor - Type 1		Horsepower Ratings[3]									
	Catalogue Number	Ship. Wt. (lbs.) Std. Pkg.	480V AC				600V AC				250 Volt DC	600 Volt DC
			1-Phase, 2-Wire		3-Phase, 3-Wire		1-Phase, 2-Wire		3-Phase, 3-Wire			
			Std.	Max.	Std.	Max.	Std.	Max.	Std.	Max.		
3-Pole, 3-Fuse [480 Volt AC/600 Volt AC/250 Volt DC[1]]												
30	HFC361	13	3	7½	5	15	3	10	7½	20	5	-
60	HFC362	18	5	20	15	30	10	25	15	50	10	30[2]
100	HFC363	24	5	20	25	60	15	40	30	75	20	50[2]
200	HFC364	48	25	50	50	125	30	50	60	150	40	50
400	HF365A[1]	93	-	-	100	250	-	-	125	350	50	-
600	HF366A[1]	98	-	-	150	400	-	-	200	500	50	-
800	HFC367	365	-	-	200	500	-	-	250	500	50	-
1200	HFC368	383	-	-	200	500	-	-	250	500	50	-
3-Pole, 3-Fuse and Solid Neutral[4] [480 Volt AC/600 Volt AC/250 Volt DC[1]]												
30	HFC361N	13	3	7½	5	15	3	10	7½	20	5	-
60	HFC362N	18	5	20	15	30	10	25	15	50	10	30[2]
100	HFC363N	25	10	30	25	60	15	40	30	75	20	50[2]
200	HFC364N	49	25	50	50	125	30	50	60	150	40	50
400	HFC365NA	94.6	-	-	100	250	-	-	125	350	50	-
600	HFC366NA	99.6	-	-	150	400	-	-	200	500	50	-
800	HFC367N	375	-	-	250	500	-	-	250	500	50	-
1200	HFC368N	395	-	-	250	500	-	-	250	500	50	-

1 60-600A 3-Pole switches are also rated 600V DC.

2 600V DC & 600V DC horsepower rating shown requires (2) poles to be connected in series.

3 Dual horsepower ratings: Std.- applies when non-time delay fuses are installed. Max.- applies when time-delay fuses are installed.

4 Suitable for use as service equipment when neutral is bonded to the enclosure.

5 2-pole, 2-wire applications are also available in Power Products Catalogue Section 3

Heavy Duty Safety Switches

Selection table – 600 Volt Fusible – Outdoor[6]

Ampere Rating	Outdoor - Type 3R			Horsepower Ratings[3]									
	Catalogue Number	Ship. Wt. (lbs.) Std. Pkg.	Hub Type[5]	480V AC				600V AC				250 Volt DC	600 Volt DC
				1-Phase, 2-Wire		3-Phase, 3-Wire		1-Phase, 2-Wire		3-Phase, 3-Wire			
				Std.	Max.	Std.	Max.	Std.	Max.	Std.	Max.		
3-Pole, 3-Fuse [480 Volt AC/600 Volt AC/250 Volt DC[1]]													
30	HFC361R	14	ECHS	3	7½	5	15	3	10	7½	20	5	-
60	HFC362R	19		5	20	15	30	10	25	15	50	10	30[2]
100	HFC363R	25		5	20	25	60	15	40	30	75	20	50[2]
200	HFC364R	49		25	50	50	125	30	50	60	150	40	50
400	HF365RA[1]	93	ECHV	-	-	100	250	-	-	125	350	50	-
600	HF366RA[1]	98		-	-	150	400	-	-	200	500	50	-
800	HFC367R	365		-	-	200	500	-	-	250	500	50	-
1200	HFC368R	385		-	-	200	500	-	-	250	500	50	-
3-Pole, 3-Fuse and Solid Neutral[4] [480 Volt AC/600 Volt AC/250 Volt DC[1]]													
30	HFC361NR	14	ECHS	3	7½	5	15	3	10	7½	20	5	-
60	HFC362NR	19		5	20	15	30	10	25	15	50	10	30[2]
100	HFC363NR	26		10	30	25	60	15	40	30	75	20	50[2]
200	HFC364NR	50		25	50	50	125	30	50	60	150	40	50
400	HFC365NRA	94.6	ECHV	-	-	100	250	-	-	125	350	50	-
600	HFC366NRA	99.6		-	-	150	400	-	-	200	500	50	-
800	HFC367NR	375		-	-	250	500	-	-	250	500	50	-
1200	HFC368NR	388		-	-	250	500	-	-	250	500	50	-

1 60-600A 3-Pole switches are also rated 600V DC.

2 600V DC & 600V DC horsepower rating shown requires (2) poles to be connected in series.

3 Dual horsepower ratings: Std.- applies when non-time delay fuses are installed. Max.- applies when time-delay fuses are installed.

4 Suitable for use as service equipment when neutral is bonded to the enclosure.

5 Hub catalogue number available in Power Products Catalogue p. 3-26

6 2-pole, 2-wire applications are also available in Power Products Catalogue Section 3

Heavy Duty Safety Switches

Selection table – 600 Volt Fusible[5,10] (For 2-Pole Applications use outside poles of 3-Pole Switches)

3-Pole, 3-Fuse [480 Volt AC/600 Volt AC/250 Volt DC[1]]

Ampere Rating	Type 12 Industrial[5]			Horsepower Ratings[3]									
	Catalogue Number	Ship. Wt. (lbs.) Std. Pkg.	Hub Type[4, 8]	480V AC				600V AC				250 Volt DC	600 Volt DC
				1-Phase, 2-Wire		3-Phase, 3-Wire		1-Phase, 2-Wire		3-Phase, 3-Wire			
				Std.	Max.	Std.	Max.	Std.	Max.	Std.	Max.		
30	HFC361J	14	SSH	-	-	5	15	-	-	7½	20	5	-
60	HFC362J	20		-	-	15	30	-	-	15	50	10	30[2]
100	HFC363J	25		-	-	25	60	-	-	30	75	20	50[2]
200	HFC364J	49		-	-	50	125	-	-	60	150	40	50
400	HF365JA[9]	93	*	-	-	100	250	-	-	125	350	50	-
600	HF366JA[9]	98		-	-	150	400	-	-	200	500	50	-
800	HFC367J■	365		-	-	200	500	-	-	250	500	50	-
1200	HFC368J■	388		-	-	250	500	-	-	250	500	50	-

Ampere Rating	Type 4/4X Stainless[7]			Horsepower Ratings[3]									
	Catalogue Number	Ship. Wt. (lbs.) Std. Pkg.	Hub Type[4, 8]	480V AC				600V AC				250 Volt DC	600 Volt DC
				1-Phase, 2-Wire		3-Phase, 3-Wire		1-Phase, 2-Wire		3-Phase, 3-Wire			
				Std.	Max.	Std.	Max.	Std.	Max.	Std.	Max.		
30	HFC361S	13	SSH	-	-	5	15	-	-	7½	20	5	-
60	HFC362S	20		-	-	15	30	-	-	15	50	10	30[2]
100	HFC363S	25		-	-	25	60	-	-	30	75	20	50[2]
200	HFC364S	49		-	-	50	125	-	-	60	150	40	50
400	HF365SA[1, 9]	93	*	-	-	100	250	-	-	125	350	50	-
600	HF366SA[1, 9]	98		-	-	150	400	-	-	200	500	50	-
800	HFC367S	370		-	-	200	500	-	-	250	500	50	-
1200	HFC368S■	388		-	-	250	500	-	-	250	500	50	-

■ Built to order.

1 60-600A 3-Pole switches are also rated 600V DC.

2 600V DC & 600V DC horsepower rating shown requires (2) poles to be connected in series.

3 Dual horsepower ratings: Std.- applies when non-time delay fuses are installed. Max.- applies when time-delay fuses are installed.

4 Hub catalogue number available in Power Products Catalogue p. 3-26

5 When a neutral is required use neutral kit displayed in Power Products Catalogue p. 3-24

6 Also rated for Type 3S/3R application. Factory provided drain plug must be removed from the bottom of the enclosure for type 3S/3R application.

7 304 grade stainless steel.

8 Hub type SSH are suitable for type 4/4X and type 12 applications.

9 For equipment suitable as service entry, order HFC365NSA, HFC366NSA, HFC365NJA or HFC366NJA based on the amperage and enclosure type required.

10 2-pole, 2-wire applications are also available in Power Products Catalogue Section 3

* Consult Siemens representative

Heavy Duty Safety Switches

Selection table – 600 Volt Non-Fusible[4]

3-Pole [480 Volt AC/600 Volt AC/250 Volt DC]

Ampere Rating	Indoor - Type 1		Horsepower Ratings							
	Catalogue Number	Ship. Wt. (lbs.)	240V AC		480V AC		600V AC		250 Volt DC	600 Volt DC
			1-Phase	3-Phase	1-Phase	3-Phase	1-Phase	3-Phase		
30	HNFC361	11	5	10	7½	20	10	30	5	-
60	HNFC362[1]	17	10	20	20	50	25	60	10	30[3]
100	HNFC363[1]	23	15	40	30	75	40	100	20	50[3]
200	HNFC364[1]	46	15	60	50	125	50	150	40	50
400	HNF365A	75	15	125	50	250	50	350	50	-
600	HNF366A	77	15	200	50	400	50	500	50	-
800	HNFC367	295	15	250	50	500	50	500	50	-
1200	HNFC368	305	15	250	50	500	50	500	50	-

Ampere Rating	Outdoor - Type 3R			Horsepower Ratings							
	Catalogue Number	Ship. Wt. (lbs.)	Hub Type[2]	240V AC		480V AC		600V AC		250 Volt DC	600 Volt DC
				1-Phase	3-Phase	1-Phase	3-Phase	1-Phase	3-Phase		
30	HNFC361R	12		5	10	7½	20	10	30	5	-
60	HNFC362R[1]	18	ECHS	10	20	20	50	25	60	10	30[3]
100	HNFC363R[1]	24		15	40	30	75	40	100	20	50[3]
200	HNFC364R[1]	47		15	60	50	125	50	150	40	50
400	HNF365RA	75		15	125	50	250	50	350	50	-
600	HNF366RA	77	ECHV	15	200	50	400	50	500	50	-
800	HNFC367R	295		15	250	50	500	50	500	50	-
1200	HNFC368R	307		15	250	50	500	50	500	50	-

1 Also rated 600V DC.

2 Hub catalogue number available in Power Products Catalogue p. 3-26

3 600V DC horsepower rating shown requires (2) poles to be connected in series.

4 2-pole, 2-wire applications are also available in Power Products Catalogue Section 3

Heavy Duty Safety Switches

Selection table – 600 Volt Non-Fusible[2,8]

3-Pole [480 Volt AC/600 Volt AC/250 Volt DC]

Ampere Rating	Type 12 Industrial[4]			Horsepower Ratings							
	Catalogue Number	Ship. Wt. (lbs.)	Hub Type[3,7]	240V AC		480V AC		600V AC		250 Volt DC	600 Volt DC
				1-Phase	3-Phase	1-Phase	3-Phase	1-Phase	3-Phase		
30	HNFC361J	13	SSH	5	10	7½	20	10	30	5	-
60	HNFC362J[1]	19		10	20	20	50	25	60	10	30[5]
100	HNFC363J[1]	24		15	40	30	75	40	100	20	50[5]
200	HNFC364J[1]	47		15	60	50	125	50	150	40	50
400	HNF365JA	75	*	15	125	50	250	50	350	50	-
600	HNF366JA	77		15	200	50	400	50	500	50	-
800	HNFC367J■	295		15	250	50	500	50	500	50	-

Ampere Rating	Type 4/4X Stainless[6]			Horsepower Ratings							
	Catalogue Number	Ship. Wt. (lbs.)	Hub Type[3,7]	240V AC		480V AC		600V AC		250 Volt DC	600 Volt DC
				1-Phase	3-Phase	1-Phase	3-Phase	1-Phase	3-Phase		
30	HNFC361S	13	SSH	5	10	7½	20	10	30	5	-
60	HNFC362S[1]	19		10	20	20	50	25	60	10	30[5]
100	HNFC363S[1]	24		15	40	30	75	40	100	20	50[5]
200	HNFC364S[1]	47		15	60	50	125	50	150	40	50
400	HNF365SA	75	*	15	125	50	250	50	350	50	-
600	HNF366SA	77		15	200	50	400	50	500	50	-
800	HNFC367S	295		15	250	50	500	50	500	50	-
1200	-	-		15	250	50	500	50	500	50	-

■ Built to order.

1 Also rated 600V DC.

2 When a neutral is required use neutral kit displayed in Power Products Catalogue p. 3-24

3 Hub catalogue number available in Power Products Catalogue p. 3-26

4 Also rated for Type 3S/3R application. Factory provided drain plug must be removed from the bottom of the enclosure for type 3S/3R application.

5 600V DC horsepower rating shown requires (2) poles to be connected in series.

6 304 grade stainless steel.

7 Hub type SSH are suitable for type 4/4X and type 12 applications.

8 2-pole, 2-wire applications are also available in Power Products Catalogue Section 3

* Consult Siemens representative

Heavy Duty Safety Switches

Selection table – Type 4/4X & 12 with Viewing Window

Ampere Rating	Catalogue Number	Hub Type[7]	Ship. Wt. (lbs.)	Maximum Horsepower Ratings[2]					
				240V AC		480V AC	600V AC	250 Volt DC	600 Volt DC
				1-Phase, 2-Wire	3-Phase, 3-Wire	3-Phase, 3-Wire	3-Phase, 3-Wire		
3-Pole, 3-Wire Fusible, Type 12[3] (For 2-Pole Applications use outside poles of 3-Pole Switches) [600 Volt AC / 250 Volt DC[1]]									
30	US2:HF361JW	SSH	17	3	7½	15	20	5	-
60	US2:HF362JW		22	10	15	30	50	10	30[5]
100	US2:HFC363JW		26	15	30	60	75	20	50[5]
200	US2:HFC364JW		53	-	60	125	150	40	50
400	US2:HF365JWA[4]	*	93	-	125	250	350	50	-
600	US2:HF366JWA[4]		98	-	200	400	500	50	-
3-Pole, 3-Wire Non-Fusible, Type 12[3] [600 Volt AC / 250 Volt DC[1]]									
30	US2:HNF361JW	SSH	14	3	10	20	30	5	-
60	US2:HNF362JW		21	10	20	50	60	10	30[5]
100	US2:HNFC363JW		25	15	40	75	100	20	50[5]
200	US2:HNFC364JW		51	15	60	125	150	40	50
400	US2:HNF365JWA	*	75	15	125	250	350	50	-
3-Pole, 3-Wire Fusible, Type 4X Stainless[6] (For 2-Pole Applications use outside poles of 3-Pole Switches) [600 Volt AC / 250 Volt DC[1]]									
30	US2:HF361SW	SSH	17	3	7½	15	20	5	-
60	US2:HF362SW		23	10	15	30	50	10	30[5]
100	US2:HFC363SW		28	15	30	60	75	20	50[5]
200	US2:HFC364SW		55	-	60	125	150	40	50
400	US2:HF365SWA[4]	*	75	15	125	250	350	50	-
600	US2:HF366SWA		98	-	200	400	500	50	-
3-Pole, 3-Wire Non-Fusible, Type 4X Stainless[6] [600 Volt AC / 250 Volt DC[1]]									
30	US2:HNF361SW	SSH	15	3	10	20	30	5	-
60	US2:HNF362SW		23	10	20	50	60	10	30[5]
100	US2:HNFC363SW		27	15	40	75	100	20	50[5]
200	US2:HNFC364SW		54	15	60	125	150	40	50
400	US2:HNF365SWA	*	75	15	125	250	350	50	-

1 200A switches are also rated 600V DC.

2 Maximum HP ratings listed apply only when time delay fuses are used.

3 Also rated for Type 3S/3R application. Factory provided drain plug must be removed from the bottom of the enclosure for type 3S/3R application.

4 For equipment suitable as service entry, order HFC365NJWA, HFC366NJWA or HFC365NSWA based on the amperage and enclosure type required.

5 600V DC horsepower rating shown requires (2) poles to be connected in series.

6 304 grade stainless steel.

7 Hub catalogue number available in Power Products Catalogue p. 3-26

* Consult Siemens representative.

Heavy Duty Safety Switches

Selection table – Type 4/4X & 12 with Viewing Window

Ampere Rating	Catalogue Number	Ship. Wt. (lbs.)	Maximum Horsepower Ratings							
			240V AC		480V AC		600V AC		250 Volt DC	600 Volt DC
			Std.	Max.	Std.	Max.	Std.	Max.		
3-Pole, 3-Wire Fusible and Non-Fusible, Type 4X 316 Stainless Steel [600 Volt AC / 250 Volt DC]										
30	US2:HF361SSW	17	3	7½	5	15	7½	20	5	-
60	US2:HF362SSW	21	7½	15	10	30	15	50	10	30
30	US2:HNF361SSW	15	-	10	-	20	-	30	5	-
60	US2:HNF361SSW	21	-	20	-	50	-	60	10	30

Published by
Siemens Canada Limited

Electrical Products
1577 North Service Road East
Oakville, ON L6H 0H6

Customer Interaction Centre
Tel: 1 (888) 303-3353
cic.ca@siemens.com

Subject to change without prior notice.
Printed in Canada

Order No: SI-EP-1736