

# Type VBII Safety Switches

## Guide Form Specifications

## Product Overview

	General Duty	Heavy Duty	Double Throw																																	
<b>Application</b>	General Duty Switches are intended for applications where reliable performance and continuity of service are needed, but where duty requirements are not severe and usual service conditions prevail. (These switches are intended for use primarily with supply circuits rated 240V AC or less where the available fault current is less than 100,000A when used with Class R or T fuses or 10,000A max. when used with Class H fuses.)	Heavy Duty Switches are intended for use in applications where: <ol style="list-style-type: none"> <li>1. Rugged construction, reliable performance, continuity of service and ease of maintenance are emphasized, or</li> <li>2. Available fault currents higher than 10,000A are likely to be encountered, such as in manufacturing plants, mass production industries, and commercial, institutional and other large buildings served by network systems or transformers of higher capacities.</li> <li>3. System voltage is 600V AC or DC Max.</li> <li>4. A Type 12 or 4/4X enclosure is required.</li> </ol>	Double throw switches are intended to transfer loads from one power source to another. All double throw switches are CSA certified. Switches are rated for use on systems with an available fault current of up to 10,000 AIC when protected with Class H fuses or 200,000 AIC when protected with Class R, J or Class T fuses. They can also be used to connect a single source of power to either of two loads. In this application it is necessary to field modify fusible switches so that the fuses are on the load side of the switching mechanism.																																	
<b>Short Circuit Withstand Ratings</b>	Suitable for use on systems capable of delivering not more than 100,000 RMS symmetrical amperes of fault current as follows: <table border="1"> <thead> <tr> <th>Sw. Rating</th> <th>AIC Rating</th> <th>Protective Device<sup>ⓐ</sup></th> </tr> </thead> <tbody> <tr> <td>30-200A</td> <td>10,000</td> <td>Circuit Breaker</td> </tr> <tr> <td>30-200A</td> <td>10,000</td> <td>Class H Fuse</td> </tr> <tr> <td>30-200A</td> <td>100,000</td> <td>Class R Fuse</td> </tr> <tr> <td>100-200A</td> <td>100,000</td> <td>Class J or T Fuse</td> </tr> </tbody> </table>	Sw. Rating	AIC Rating	Protective Device <sup>ⓐ</sup>	30-200A	10,000	Circuit Breaker	30-200A	10,000	Class H Fuse	30-200A	100,000	Class R Fuse	100-200A	100,000	Class J or T Fuse	Suitable for use on systems capable of delivering not more than 200,000 RMS symmetrical amperes of fault current as follows: <table border="1"> <thead> <tr> <th>Sw. Rating &amp; Type</th> <th>AIC Rating</th> <th>Protective Device<sup>ⓐ</sup></th> </tr> </thead> <tbody> <tr> <td>All Heavy Duty &amp; DT</td> <td>10,000</td> <td>Circuit Breaker</td> </tr> <tr> <td>30-600A HD &amp; DT</td> <td>10,000</td> <td>Class H Fuse</td> </tr> <tr> <td>30-600A HD</td> <td>200,000</td> <td>Class R, J or T Fuse</td> </tr> <tr> <td>30-600A DTFC &amp; DTNFC DT</td> <td>200,000</td> <td>Class R, J or T Fuse</td> </tr> <tr> <td>800 &amp; 1200A HD</td> <td>200,000</td> <td>Class L or T Fuse</td> </tr> </tbody> </table>	Sw. Rating & Type	AIC Rating	Protective Device <sup>ⓐ</sup>	All Heavy Duty & DT	10,000	Circuit Breaker	30-600A HD & DT	10,000	Class H Fuse	30-600A HD	200,000	Class R, J or T Fuse	30-600A DTFC & DTNFC DT	200,000	Class R, J or T Fuse	800 & 1200A HD	200,000	Class L or T Fuse	
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30-600A DTFC & DTNFC DT	200,000	Class R, J or T Fuse																																		
800 & 1200A HD	200,000	Class L or T Fuse																																		
<b>Fuses</b>	Fusible switches will accept the following CSA class fuses: 30 "LF" - 30A max plug Fuses 30-200A "GD" Class H & K, Class R with kit 100-200A "GD" Class J-move base 100-200A "GD" Class T with kit	Fusible switches will accept the following CSA class fuses: 30-600A "HD" Class H & K, Class R with kit 30-600A, 600V "HD" Class J-move base 100-600A, 240V "HD" Class J-move base 100-200A "HD" Class T with kit 400-600A "HD" Class T-move bases 800-1200A "HD" Class L, Class T with kit <sup>ⓑ</sup>	Fusible switches will accept the following CSA class fuses: 30-200A "DT" - Class H & K, Class R with kit 30 & 60A 600V "DT" - Class J-move base 100-200A "DT" - Class J-move base, Class T with kit 400-600A "DT" - Class J-standard, Class T-move bases																																	
<b>Cover Interlocks</b>	Voidable – cover interlocks on switches prevent the switch door from being opened when in the "ON" position. No cover interlock on plug fuse type switches.	Voidable dual cover interlocks standard on all heavy duty switches. Prevents cover from being opened when switch is in the "ON" position and prevents switch from being turned "ON" when door is opened.	Dual cover interlocks standard on all double throw switches. Prevents cover from being opened when switch is in the "ON" position and prevents switch from being turned "ON" when door is opened.																																	
<b>Specifications</b>	CSA certified under file #24563 as enclosed switches. Fusible switches also suitable as service entrance when neutral bonded to the enclosure is installed. Meets CSA C22.2 No.4 Enclosed Switches.  Meet NEMA standard KS-1-2001 for type GD switches.	Meet NEMA standard KS-1-2001 for type HD switches.	CSA certified under file #24563 as enclosed switches. Meets CSA C22.2 No.4 Enclosed switches.  Meet NEMA standard KS-1-2001 type HD for "DT" switches.																																	
<b>Seismic Qualifications</b>	All GD & HD switches and "DT" type double throw switches have been tested and comply with the 2010 California Building Code (CBC) and with the 2009 International Building Code (IBC) - Compliance Level SDS = 1.85 g																																			
<b>Groundable Neutral</b> (All neutrals are bondable for service entrance use.)	Fusible switches have groundable neutral blocks factory installed.	All switches (both Fusible and Non-Fusible) are either supplied with factory installed neutrals or accept field addable neutrals.	All 2-3 pole DT will accept field addable neutrals.																																	
<b>Padlocks</b>	Padlockable cover latch. OFF padlock provisions on handle.	Padlockable cover latch and multiple OFF padlock provisions on handle.	Padlockable cover latch and multiple OFF padlock provisions on handle.																																	
<b>HP &amp; Load Break Ratings</b>	All General Duty, Heavy Duty and Double Throw Switches are both load break and horsepower rated.																																			

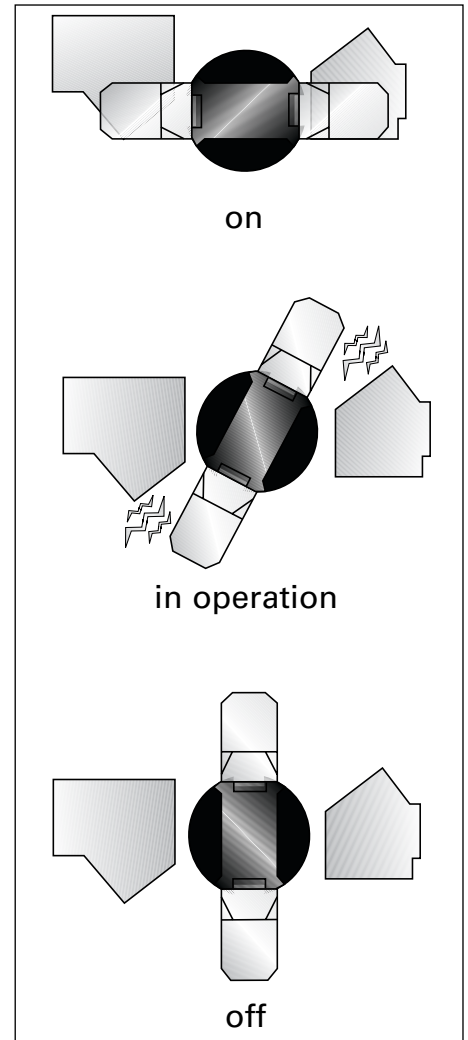
<sup>ⓐ</sup> The protective device can either be a fuse installed in a fusible switch or an upstream fuse or circuit breaker protecting a non-fusible switch. The ampere rating of the upstream protective device must not exceed the switch ampere rating.

<sup>ⓑ</sup> Class T kit available for 240V max. applications on 1200A switches.

# Feature Comparison

## Product Overview

General Duty	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
▪④	▪	▪	All plated copper current carrying parts (except lugs)
▪	▪	▪	Spring reinforced Fuse Clips (except 30A general duty)②
–	▪	▪	Clear pivoting line terminal shield
▪	▪	▪	Replacement parts
–	▪	–	Field addable 200% neutral
▪⑦	▪①⑦	▪①⑦	Provisions for CSA Class T, R and H Fuses
–	▪	▪①	Provisions for CSA Class J and L Fuses
–	▪	▪	Metal nameplate
60-200A	▪	▪	Aux. switch kits
–	▪④	–	Type 4X with stainless steel interior parts
▪⑤	▪	–	Rolled flange enclosure design (30-200A)
–	▪	▪	Isolated ground kits



### Double Break Switching Action

Like the time-proven Vacu-Break Design, the Siemens VBI double break switching action breaks the arc in two places in 30-200A ratings. This reduces heat generation and increases switching speed by doubling the breaking distance. The result is enhanced performance and increased longevity. We also provide the most visible blade design available today. Unlike conventional knife blade switches, the blades are self-aligning to ensure positive contact. In addition, they have no wear and friction point since the “electrical hinge” has been eliminated. The result is a very fast, positive and reliable switching action for even the most severe applications.

① 400, 600V & 600A fusible, double-throw switches accept only Class J or T fuses. 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 VBI in stainless steel enclosures.

⑤ 60-200A.

⑥ 200A general duty switches have aluminum neutral assemblies.

⑦ 100-200A GD, 100-600A DT and 100-1200A HD switches will accept Class T fuses.

# Safety Switches

## General Duty and Heavy Duty

## Product Overview

### 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 4** 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.
- E** **Type 12<sup>®</sup>** 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.



### Load Break Ratings

All Siemens safety switches are load break rated. The load break rating is assigned by CSA after the switching unit has successfully performed the following tests:

Switch Ampere Rating	Number of ON/OFF Operations per Minute	Number of Operations		
		With Current	Without Current	Total
30-100	6	6000	4000	10000
200	5	6000	2000	8000
400	4	1000	5000	6000
600	3	1000	4000	5000
800	2	500	3000	3500
1200	1	500	2000	2500

### Horsepower Ratings

All Siemens safety switches, where appropriate, are horsepower rated. The assignment of such ratings is made by CSA only after the switching unit has undergone testing to determine its acceptability which includes repeated interruption of the locked rotor current of the motor for which it is to be rated as follows:

Max HP Rating	Number of ON/OFF Operations per minute	Number of Cycles of Operation
100	6	50
500	1	10

### Non-Fusible Safety Switch AIC Ratings When Protected by a Circuit Breaker<sup>2,3</sup>

Breaker Frame	Non-Fused Switch	Short Circuit Current Rating
NEG, NGB, ED4	30 DT (240V)	18 kA Thru 240 VAC
NEB, NEG, NGG, NGB, ED4	60-100A GD & DT (240V)	18 kA Thru 240 VAC
NEB, NEG, NGG, NGB, ED4	30-100A HD & DT (600V)	18 kA Thru 480 VAC
ED6	30-100A HD & DT (600V)	18 kA Thru 600 VAC
FD6-A, JD6-A	200A HD & DT (600V)	18 kA Thru 600 VAC
JD6-A, LD6-A	400A DT (240V)	18 kA Thru 240 VAC
JD6-A, LD6-A	400A HD & DT (600V)	18 kA Thru 600 VAC
LD6-A	600A DT (240V)	25kA Thru 240 VAC
LD6-A	600A HD & DT (600V)	25kA Thru 600 VAC
NNG	1200A HD (600V)	25 kA Thru 600 VAC

<sup>1</sup> VBII Type 12 switches are also rated 3R & 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.  
<sup>2</sup> All switches above are rated at 10 KA when protected by any CSA certified or cUL Listed CB  
<sup>3</sup> Circuit breaker trip rating must not exceed switch ampere rating

# Catalogue Numbering System

## Type VBII Safety Switch Catalogue Numbering System

*Product Overview*

**H F C 3 6 4 N R CH**

SAFETY SWITCHES 1

### Switch Type

- L** = General Duty  
10k AIC Max.  
(Plug Fused &  
60A Max  
Non-Fused)
- G** = Gen. Duty
- H** = Heavy Duty
- DT** = Double Throw

### Fused or Non-Fused

- F** = Fused
- NF** = Non-Fused

### C = Built to meet Canadian requirements

### Number of Poles

- 1** = 1
- 2** = 2
- 3** = 3
- 4** = 4
- 6** = 6

### Voltage

- 1** = 120V or 120/240V
- 2** = 240V
- 6** = 600V

### Special Applications With:

- CH** = Crouse-Hinds Receptacle
- W** = Viewing Window

### Enclosure Type

- Omit** = Type 1, Indoor
- R** = Type 3R, Outdoor
- S** = Type 4/4X, Stainless Steel
- J** = Type 12, Industrial

### With or Without Neutral

- Omit** = Less Neutral
- N** = With Neutral

### Amperes

- |                 |                  |
|-----------------|------------------|
| <b>1</b> = 30A  | <b>5</b> = 400A  |
| <b>2</b> = 60A  | <b>6</b> = 600A  |
| <b>3</b> = 100A | <b>7</b> = 800A  |
| <b>4</b> = 200A | <b>8</b> = 1200A |

## Type VBII Accessories Catalogue Numbering System

**H R 6 4**

### Switch Type

- H** = Heavy Duty
- G** = General Duty

### Accessory Type

- A1** = Auxiliary Switch 1/NO and 1/NC
- A2** = Auxiliary Switch 2/NO and 2/NC
- A3** = Auxiliary Switch Low Current
- CL** = Compression Lug Barrier /  
Mounting Kit
- G** = Ground Lug Kit
- G2** = Insulated Ground Lug Kit
- LC** = Copper Lug Kit
- NC** = Neutral
- NC2** = 200% Neutral
- P** = Fuse Puller Kit
- R** = Class R - Fuse Clip Kit
- T** = Class T - Fuse Kit

### Amperes

- 1** = 30A
- 2** = 60A
- 12** = 30/60A
- 3** = 100A
- 23** = 60/100A
- 123** = 30/60/100A
- 1234** = 30/60/100/200A
- 4** = 200A
- 56** = 400/600A
- 5678** = 400/600/800/1200A
- 78** = 800/1200A

### Maximum Voltage

- 2** = 240V Max
- 6** = 600V Max

# Heavy Duty Safety Switches

## Type 4/4X & 12 with Viewing Window

*Selection*

### Description

30–600A, 3-pole 600V max. in fusible and non-fusible versions in Type 4/4X stainless steel and Type 12 enclosures.

All allow viewing of visible blade position. 30–200A also allow viewing of indicating type fuses.

### Features

- Rugged installer-friendly enclosure design features a gasket flange with continuously welded seams
- Tool-free cover latches
- Two, three and four point mounting

- Metal handle with large insulating grip features a positive stop in both ON and OFF position
- Ground lugs provided as standard
- Type 12 enclosures are fabricated from galvanized steel and are also rated for 3R/3S outdoor applications
- Type 4X stainless steel switches (30–200A) are 304 grade stainless steel and are provided with stainless steel interior parts
- The widest range of accessories available including 200% neutrals, gold plated PLC auxiliary contacts and isolated ground kits



System	Ampere Rating	Catalogue Number	Hub Type	Ship. Wt. (lbs.)	Maximum Horsepower Ratings <sup>②</sup>						
					240V AC		480V AC	600V AC		250V DC	600V DC
					1-Phase, 2-Wire	3-Phase, 3-Wire	3-Phase, 3-Wire	3-Phase, 3-Wire			

### 3-Pole, 3-Wire Fusible, Type 12<sup>③④</sup> (For 2-Pole Applications use outside poles of 3-Pole Switches) **600 Volt AC / 250 Volt DC<sup>①</sup>**

	30	HFC361JW	SSH	17	3	7 <sup>1/2</sup>	15	20	5	—
	60	HFC362JW		22	10	15	30	50	10	30 <sup>⑤</sup>
	100	HFC363JW		26	15	30	60	75	20	30 <sup>⑤</sup>
	200	HFC364JW		53	—	60	125	150	40	50
	400	HFC365JW		166	—	125	250	350	50	—
	600	HFC366JW	*	168	—	200	400	500	50	—

### 3-Pole, 3-Wire Non-Fusible, Type 12<sup>③</sup> **600 Volt AC / 250 Volt DC<sup>①</sup>**

	30	HNFC361JW	SSH	14	3	10	20	30	5	—
	60	HNFC362JW		21	10	20	50	60	10	30 <sup>⑤</sup>
	100	HNFC363JW		25	15	40	75	100	20	50 <sup>⑤</sup>
	200	HNFC364JW		51	15	60	125	150	40	50
	400	HNFC365JW	*	133	15	125	250	350	50	—

### 3-Pole, 3-Wire Fusible, Type 4X Stainless<sup>④⑥</sup> (For 2-Pole Applications use outside poles of 3-Pole Switches) **600 Volt AC / 250 Volt DC<sup>①</sup>**

	30	HFC361SW	SSH	17	3	7 <sup>1/2</sup>	15	20	5	—
	60	HFC362SW		23	10	15	30	50	10	30 <sup>⑤</sup>
	100	HFC363SW		28	15	30	60	75	20	50 <sup>⑤</sup>
	200	HFC364SW		55	—	60	125	150	40	50
	400	HFC365SW	*	168	15	125	250	350	50	—

### 3-Pole, 3-Wire Non-Fusible, Type 4X Stainless<sup>④</sup> **600 Volt AC / 250 Volt DC<sup>①</sup>**

	30	HNFC361SW	SSH	15	3	10	20	30	5	—
	60	HNFC362SW		23	10	20	50	60	10	30 <sup>⑤</sup>
	100	HNFC363SW		27	15	40	75	100	20	50 <sup>⑤</sup>
	200	HNFC364SW		54	15	60	125	150	40	50
	400	HNFC365SW	*	134	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 Suitable for use as service equipment when neutral is bonded to the enclosure.

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

⑥ 304 grade stainless steel.

\* Consult Siemens representative.

# Safety Switches

## Cross References for SE and ID switches

System	Ampere Rating	Indoor – Type 1	
		Catalogue Number	VBII Cross Reference

General Duty 240 Volt Fusible

### 2-Pole, 2-Fuse, Service Entrance and Solid Neutral

System	Ampere Rating	Indoor – Type 1	VBII Cross Reference
	30	SE221	GFC221N
	60	SE222	GFC222N
	100	SE223	GFC223N
	200	SE224	GFC224N

### 3-Pole, 3-Fuse, Service Entrance and Solid Neutral

System	Ampere Rating	Indoor – Type 1	VBII Cross Reference
	30	SE321	GFC321N
	60	SE322	GFC322N
	100	SE323	GFC323N
	200	SE324	GFC324N



System	Ampere Rating	Indoor – Type 1		Type 12 Industrial		Type 4/4X Stainless	
		Catalogue Number	VBII Cross Reference	Catalogue Number	VBII Cross Reference	Catalogue Number	VBII Cross Reference

Fusible Heavy Duty

### 2-Pole, 2-Fuse and Solid Neutral

240 Volt / 250 Volt DC

System	Ampere Rating	Indoor – Type 1	VBII Cross Reference	Type 12 Industrial	VBII Cross Reference	Type 4/4X Stainless	VBII Cross Reference
	30	—	—	12ID221	HFC221J + HNC612	4ID221	HFC221S + HNC612
	60	—	—	12ID222	HFC222J + HNC623	4ID222	HFC222S + HNC623
	100	—	—	12ID223	HFC223J + HNC623	4ID223	HFC223S + HNC623
	200	—	—	12ID224	HFC224J + HNC64	4ID224	HFC224S + HNC64
	400	ID225	HFC225N	12ID225	HFC325J + HNC656	—	—
	600	ID226	HFC226N	12ID226	HFC326J + HNC656	—	—

### 3-Pole, 3-Fuse

240 Volt / 250 Volt DC

System	Ampere Rating	Indoor – Type 1	VBII Cross Reference	Type 12 Industrial	VBII Cross Reference	Type 4/4X Stainless	VBII Cross Reference
	30	ID321	HFC321N <sup>①</sup>	12ID321	HFC321J <sup>②</sup>	4ID321	HFC321S + HNC612 <sup>②</sup>
	60	ID322	HFC322N <sup>①</sup>	12ID322	HFC322J <sup>②</sup>	4ID322	HFC322S + HNC623 <sup>②</sup>
	100	ID323	HFC323N <sup>①</sup>	12ID323	HFC323J <sup>②</sup>	4ID323	HFC323S + HNC623 <sup>②</sup>
	200	ID324	HFC324N <sup>①</sup>	12ID324	HFC324J <sup>②</sup>	4ID324	HFC324S + HNC64 <sup>②</sup>
	400	ID425	HFC325N <sup>①</sup>	12ID425	HFC325J <sup>②</sup>	—	—
	600	ID426	HFC326N <sup>①</sup>	12ID426	HFC326J <sup>②</sup>	—	—

System	Ampere Rating	Indoor – Type 1		Type 12 Industrial		Type 4/4X Stainless		Type 12 with Receptacle		Type 4/4X with Receptacle	
		Catalogue Number	VBII Cross Reference	Catalogue Number	VBII Cross Reference	Catalogue Number	VBII Cross Reference	Catalogue Number	VBII Cross Reference	Catalogue Number	VBII Cross Reference

Fusible Heavy Duty

### 3-Pole, 3-Fuse

480 Volt AC / 600 Volt AC / 250 Volt DC

System	Ampere Rating	Indoor – Type 1	VBII Cross Reference	Type 12 Industrial	VBII Cross Reference	Type 4/4X Stainless	VBII Cross Reference	Type 12 with Receptacle	VBII Cross Reference	Type 4/4X with Receptacle	VBII Cross Reference
	30	ID361	HFC361	12ID361	HFC361JW	4ID361	HFC361SW	12ID361W	HF361JCHW	4ID361W	HF361SCHW
	60	ID362	HFC362	12ID362	HFC362JW	4ID362	HFC362SW	12ID362W	HF362JCHW	4ID362W	HF362SCHW
	100	ID363	HFC363	12ID363	HFC363JW	4ID363	HFC363SW	12ID363W	HF363JCHW	—	—
	200	ID364	HFC364	12ID364	HFC364JW	4ID364	HFC364SW	—	—	—	—
	400	ID365	HFC365	12ID365	HFC365JW	—	—	—	—	—	—
	600	ID366	HFC366	12ID366	HFC366JW	—	—	—	—	—	—

Non-Fusible Heavy Duty

### 3-Pole, 3-Fuse

480 Volt AC / 600 Volt AC / 250 Volt DC

System	Ampere Rating	Indoor – Type 1	VBII Cross Reference	Type 12 Industrial	VBII Cross Reference	Type 4/4X Stainless	VBII Cross Reference	Type 12 with Receptacle	VBII Cross Reference	Type 4/4X with Receptacle	VBII Cross Reference
	30	ID361NF	HNFC361	12ID361NF	HNFC361JW	4ID361NF	HNFC361SW	12ID361NFW	HNFC361JCHW	4ID361NFW	HNFC361SCHW
	60	ID362NF	HNFC362	12ID362NF	HNFC362JW	4ID362NF	HNFC362SW	12ID362NFW	HNFC362JCHW	4ID362NFW	HNFC362SCHW
	100	ID363NF	HNFC363	12ID363NF	HNFC363JW	4ID363NF	HNFC363SW	12ID363NFW	HNFC363JCHW	—	—
	200	ID364NF	HNFC364	12ID364NF	HNFC364JW	4ID364NF	HNFC364SW	—	—	—	—
	400	ID365NF	HNFC365	12ID365NF	HNFC365JW	—	—	—	—	—	—
	600	ID366NF	HNFC366	12ID366NF	HNFC366J <sup>②</sup>	—	—	—	—	—	—

① Solid neutral factory installed.

② No viewing window.