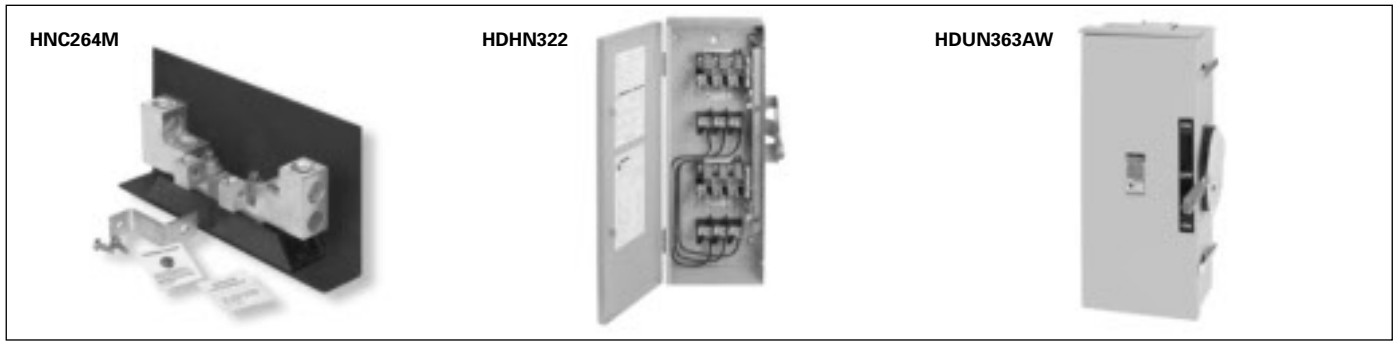


# Safety Switches

## VBII Type Double Throw Switches Type 1 & Type 3R



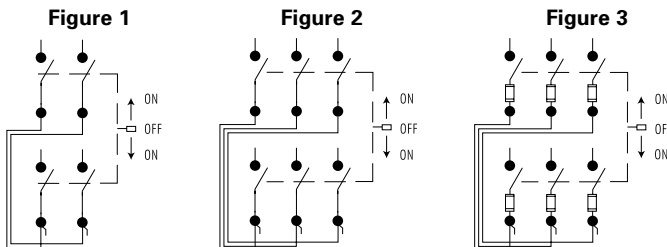
### Double Throw Switches ①⑧

Indoor TYPE 1				Outdoor TYPE 3R ②				Horsepower Rating					
Symbol	Amps	Cat #	List Each	Approx. Wgt. Lbs.	Cat #	List Each	Approx. Wgt. Lbs.	Hub	1Ø Std	1Ø Max	3Ø Std	3Ø Max	250 V DC Std
<b>NON-FUSIBLE 2 POLE 240V AC</b>													
Fig-1 ③	30	HDUN221	712.00	33.00	—	—	—	—	—	5	—	—	5
	60	HDUN222	1126.00	35.00	—	—	—	—	—	10	—	—	10
	100	HDUN223	1574.00	37.00	— <sup>⑦</sup>	—	—	—	—	15	—	—	20
	200	HDUN224	2189.00	79.00	HDUN224AW <sup>⑦</sup>	2794.00	79.00	ECHS	—	15	—	—	40
	400	HDUN225	6128.00	180.00	HDUN225AW	9135.00	185.00	②	—	—	—	—	50
<b>NON-FUSIBLE 3 POLE 240V AC</b>													
Fig-2 ③	30	HDUN321	843.00	34.00	—	—	—	—	—	5	—	10	5
	60	HDUN322	1347.00	36.00	—	—	—	—	—	10	—	20	10
	100	HDUN323	2039.00	37.00	HDUN323AW <sup>⑦</sup>	2566.00	38.00	ECHS	—	15	—	40	20
	200	HDUN324	3142.00	82.00	HDUN324AW <sup>⑦</sup>	3888.00	82.00	ECHS	—	15	—	60	40
	400	HDUN325	8924.00	190.00	—	—	—	—	—	—	—	125	50
<b>FUSIBLE 3 POLE 240V AC</b>													
Fig-3 ③	30	HDHN321	1300.00	38.00	HDHN321AW	2074.00	39.00	ECHS	—	3	—	7½	5
	60	HDHN322	2431.00	43.00	HDHN322AW	3262.00	44.00	ECHS	—	10	—	15	10
	100	HDHN323	3863.00	45.00	HDHN323AW	4606.00	46.00	ECHS	—	15	—	30	20
	200	HDHN324	5996.00	92.00	—	—	—	—	—	15	—	60	40
	400	HDHN325 <sup>④</sup>	13236.00	230.00	—	—	—	—	—	—	—	125	50
<b>NON-FUSIBLE 3 POLE 600V AC</b>													
Fig-2 ③	30	HDUN361	1038.00	34.00	HDUN361AW	1856.00	35.00	ECHS	—	5	—	20 <sup>⑤</sup>	5
	60	HDUN362	1357.00	36.00	HDUN362AW	2234.00	37.00	ECHS	—	10	—	50 <sup>⑤</sup>	10
	100	HDUN363	2300.00	37.00	HDUN363AW	3781.00	38.00	ECHS	—	15	—	75 <sup>⑤</sup>	20
	200	HDUN364	3314.00	82.00	HDUN364AW	5206.00	82.00	ECHS	—	15	—	125 <sup>⑤</sup>	40
	400	HDUN365	9258.00	—	HDUN365AW	13925.00	195.00	②	—	—	—	250 <sup>⑤</sup>	50
	600	—	—	—	HDUN366AW	18119.00	200.00	②	—	—	—	250 <sup>⑤</sup>	50

### Neutral Kits

For use with Double Throw Switches

Switch Amps	Cat #	List Each
30	HNC612M	103.00
60-100	HN263M	239.00
200	HNC264M	373.00
400-600A	HN678M	888.00



- ① Rated 10,000 AIC with Class H or 200,000 AIC when used with or protected by Class R, J or T fuses. Fuse rating must not exceed switch ampere rating.
- ② 400A and larger double throw switches do not have a hub provision.
- ③ Typical wiring diagrams for 30-200 amp switches are shown.
- ④ Switch accepts Class J or T fuses only.

### Fuse Capabilities of Fusible Switches

Amp Rating	Fuse Type			
	H	R	T	J
30 & 60 A	Std	Yes (kit)	No	No
100 & 200A	Std	Yes (kit)	Yes (kit)	Yes <sup>⑥</sup>
400	No	No	Yes <sup>⑥</sup>	Std.

### Double Throw Switches – Lug Data

Switch Amp Range	Number of Cables Per Terminal	Cu and/or Al	Wire Range
30	1 pc.	Cu or Al	#14 to #6
60	1 pc.	Cu or Al	#14 to #2
100	1 pc.	Cu or Al	#14 to #1/0
200	1 pc.	Cu or Al	#6 to 250 kcmil
400	2 pcs.	Cu or Al	#1/0 to 250 kcmil
	1 pc.	Cu or Al	#1/0 to 750 kcmil
600	2 pcs.	Cu or Al	#1/0 to 500 kcmil

- ⑤ HP ratings at 480V.
- ⑥ Move load side base.
- ⑦ General Duty Double Throw Switches are also available in 100 and 200A ratings. Contact sales for additional info.
- ⑧ A 100A 2P General Duty Stand-by Power Panel is also available on page 5-4.