Heavy Duty Safety Switches

Type VBII 4 & 6-Pole Heavy Duty Safety Switches

Application

4 & 6-pole Switches are commonly used as a disconnecting means for two-speed, two-winding motors. Fused switches provide both over current and short circuit protection. Non-fusible switches normally provide a local disconnection means for twospeed motors which are remote from their motor controller. 4-pole switches are also used in 3-phase, 4-wire circuits when a switching neutral is required. All 4 & 6-pole switches are service entrance rated.

Description

4

4 & 6-pole switches are available in 30-200A ratings and in both fusible and non-fusible versions. 4-pole switches are supplied with either Type 1 or Type12/3R enclosures.

6-pole switches are available with either Type 12/3R or Type 4X stainless steel enclosures.

Standards

- UL & CUL listed under file #E4776
- Meets UL98 for enclosed switches • 4 & 6-Pole switches are suitable for
- use as service entrance
- Meets NEMA Standard KS-1 for enclosed switches
- Meets NEC wire bending space requirements

Features

- Visible blade, double break switching action
- Highly visible ON/OFF indication
- Defeatable dual cover interlock
- Padlock option in OFF position
- All copper current carrying parts^①
- Tangenital knockouts (Type 1, 4-pole switches)



4-Pole Typ	be VBII	Switches ¹⁰
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	Indoor Type 1		Type 12/3R Industrial ⁵		Horsepower Ratings ^③								
Amp	Catalog	Ship Wt.	Catalog	Ship Wt.	240V, 2	2Ø, 4W	240V 3Ø		480V, 3Ø		600V, 3Ø		250V
Rating	Number	(lbs.)	Number	(lbs.)	Std.	Max.	Std.	Max.	Std.	Max.	Std.	Max.	DC
Fusible 600 Volt AC, 250 Volt DC — 4-Pole, 4 Fuse ^④													
30	HF461	36	HF461J	36	3	10	3	7½	5	15	7½	20	5
60	HF462	40	HF462J	40	7½	20	7½	15	15	30	15	50	10
100	HF463	43	HF463J	43	15	30	15	30	25	60	30	75	20
200	HF464∎	88	HF464J∎	88	25	50	25	60	50	125	60	150	40
Non-fusible 600 Volt AC, 250 Volt DC — 4-Pole													
30	HNF461	32	HNF461J	32	_	10	_	10	_	20	_	30	5
60	HNF462	34	HNF462J	34	_	20	_	20	_	50	_	60	10
100	HNF463	36	HNF463J∎	36	_	30	_	40	_	75	_	100	20
200	HNF464∎	78	HNF464J∎	78	—	50	-	60	-	125	-	150	4
	Rating 00 Volt A 30 60 100 200 ble 600 V 30 60 100 200	Amp Rating Catalog Number 00 Volt AC, 250 Volt I 30 HF461 60 HF462 100 HF463 200 HF464 ble 600 Volt AC, 250 V 30 HF463 30 HF464 ble 600 Volt AC, 250 V 30 HNF461 60 HNF463 100 HNF463	Amp Rating Catalog Number Ship Wt. (lbs.) 00 Volt AC, 250 Volt DC — 4-F 30 HF461 36 60 HF462 40 100 HF463 43 200 HF464a 88 ble 600 Volt AC, 250 Volt DC - 30 30 HNF461 32 60 HNF461 32 100 HNF463a 36	Amp Rating Catalog Number Ship Wt. (lbs.) Catalog Number 00 Volt AC, 250 Volt DC — 4-Pole, 4 Fuse ⁽⁴⁾ 30 HF461 36 HF461J 60 HF462 40 HF462J 100 HF463 43 HF463J 200 HF464 88 HF464J 91e 600 Volt AC, 250 Volt DC — 4-Pole 30 HNF461 32 100 HNF461 32 100 HNF461 32 100 HNF463 36	Amp Rating Catalog Number Ship Wt. (lbs.) Catalog Number Ship Wt. (lbs.) 00 Volt AC, 250 Volt DC — 4-Pole, 4 Fuse [®] 30 HF461 36 HF461J 36 60 HF462 40 HF463J 43 100 HF463 43 HF463J 43 200 HF464m 88 HF464Jm 88 ble 600 Volt AC, 250 Volt DC — 4-Pole 30 HNF461 32 30 HNF461 32 HNF461J 32 100 HNF461 32 HNF461J 32 100 HNF461 32 HNF461J 34 100 HNF463m 36 HNF463Jm 36	Amp Rating Catalog Number Ship Wt. (lbs.) Catalog Number Ship Wt. (lbs.) 240V, 2 Std. 00 Volt AC, 250 Volt DC — 4-Pole, 4 Fuse ⁽³⁾ 36 3 30 HF461 36 HF461J 36 3 60 HF462 40 HF462J 40 7½ 100 HF463 43 HF463J 43 15 200 HF464m 88 HF464Jm 88 25 01e 600 Volt AC, 250 Volt DC — 4-Pole 40 - - - 30 HNF461 32 HNF461J 32 - 30 HNF461 32 HNF461J 32 - 100 HNF463 36 HNF463Jm 36 -	Amp Rating Catalog Number Ship Wt. (lbs.) Catalog Number Ship Wt. (lbs.) 240V, 20, 4W 00 Volt AC, 250 Volt DC — 4-Pole, 4 Fuse ⁽³⁾ Std. Max. 30 HF461 36 HF461J 36 3 10 60 HF462 40 HF463J 40 7½ 20 100 HF463 88 HF464J 88 25 50 200 HF464 32 HNF464J 32 - 10 60 HNF461 32 HNF461J 32 - 10 30 HNF461 32 HNF461J 32 - 10 30 HNF461 36 HNF462J 34 - 20 30 HNF463 36 HNF463J 36 - 30	Amp Rating Catalog Number Ship Wt. (lbs.) Catalog Number Ship Wt. (lbs.) 240V, 20, 4W 240V 3/ Max. 00 Volt AC, 250 Volt DC — 4-Pole, 4 Fuse ⁽³⁾ Std. Max. Std. 30 HF461 36 HF461J 36 3 10 3 60 HF462 40 HF463J 40 7½ 20 7½ 100 HF463 43 HF464J 88 25 50 25 200 HF464 32 HNF464J 32 - 10 - 30 HNF461 32 HNF461J 32 - 10 - 30 HNF461 32 HNF463J 34 - 20 - 30 HNF461 32 HNF463J 34 - 20 - 30 HNF463 36 HNF463J 36 - 30 -	Amp Rating Catalog Number Ship Wt. (lbs.) Catalog Number Ship Wt. (lbs.) 240V, 20, 4W 240V 30 00 Volt AC, 250 Volt DC — 4-Pole, 4 Fuse ⁽³⁾ Std. Max. Std. Max. 30 HF461 36 HF461J 36 3 10 3 7½ 60 HF462 40 HF462J 40 7½ 20 7½ 15 100 HF463 43 HF464J 43 15 30 15 30 200 HF464 88 HF464J 88 25 50 25 60 90 HF464 32 HNF461J 32 - 10 - 10 30 HNF461 32 HNF461J 32 - 10 - 20 - 20 - 20 - 20 - 20 - 20 - 20 - 20 - 20 - 20 - 2	Amp Rating Catalog Number Ship Wt. (lbs.) Catalog Number Ship Wt. (lbs.) 240V, 20, 4W 240V 30 480V, 3 00 Volt AC, 250 Volt DC — 4-Pole, 4 Fuse ⁽⁴⁾ Std. Max. Std. Std. Std. Std. Max. Std. Std.	Amp Rating Catalog Number Ship Wt. (lbs.) Catalog Number Ship Wt. (lbs.) 240V, 20, 4W 240V 30 480V, 30 00 Volt AC, 250 Volt DC — 4-Pole, 4 Fuse ⁽⁴⁾ Std. Max. Std. Max. Std. Max. Std. Max. 30 HF461 36 HF461J 36 3 10 3 7½ 5 15 60 HF462 40 HF463J 43 15 30 15 30 25 60 100 HF464 88 HF464J 88 25 50 25 60 50 125 30 HF464 32 HNF461J 32	Amp Rating Catalog Number Ship Wt. (lbs.) Catalog Number Ship Wt. (lbs.) 240V, 20, 4W 240V 30 480V, 30 600V, 3 00 Volt AC, 250 Volt DC — 4-Pole, 4 Fuse ⁽³⁾ Std. Max. Std. Std. Max. Std. Max. Std. Max. Std. Std. Std. Std. Max. Std. Std.	Amp Rating Catalog Number Ship Wt. (lbs.) Catalog Number Ship Wt. (lbs.) 240V, 20, 4W 240V 30 480V, 30 600V, 30 00 Volt AC, 250 Volt DC — 4-Pole, 4 Fuse ⁽⁴⁾ Std. Max. Std. Std. Std. Max. Std. Std. Std. Std. Std. Std. Std.

6-Pole Type VBII Switches¹²⁵

		Type 12/3R Ind	ustrial	Type 4X Stainless	Horsepower Ratings ⁽³⁾							
	Amp	Catalog	Ship Wt.	Catalog	Ship Wt.	240V 3Ø		480V, 3Ø		600V, 3Ø		250V
System	Rating	Number	(lbs.)	Number	(lbs.)	Std.	Max.	Std.	Max.	Std.	Max.	DC
Fusible 600 Volt AC, 250 Volt DC — 6-Pole, 6 Fuse ^④												
	30	HF661J	37	HF661S	37	3	7%	5	15	7%	20	5
	60	HF662J	41	HF662S	41	7½	15	15	30	15	50	10
	100	HF663J∎	44	HF663S	44	15	30	25	60	30	75	20
LOAD	200	HF664J∎	90	HF664S∎	90	25	60	50	125	60	150	40
Non-fusible 600 Volt AC, 250 Volt DC — 6-Pole												
	30	HNF661J	33	HNF661S	33	_	10	_	20	_	30	5
LOAD ON	60	HNF662J	35	HNF662S	35	—	20	—	50	—	60	10
	100	HNF663J	37	HNF663S	37	—	40	-	75	—	100	20
LOAD	200	HNF664J	80	HNF664S∎	80	—	60	-	125	-	150	40

■ Built to order. Allow 3-5 weeks for delivery.

1 Lugs are aluminum alloy as standard. Optional copper body lugs are available. ② All 4 & 6-pole VBII switches are suitable for use as

service equipment when a neutral is installed or equipment ground kit is properly connected.

③ Dual horsepower ratings: Std. – applies when non-time-delay fuses are installed. Max. - applies when time delay fuses are installed. (a) Fusible switches accept Class H Fuses as the stan-

dard. Class R & J fuses can also be installed and increase the rating from 10,000 to 200,000 AIC. For

Class J, the load base is moved upward. For Class R fuses, rejection kits are required ^⑤ Supplied with factory installed ground lugs.