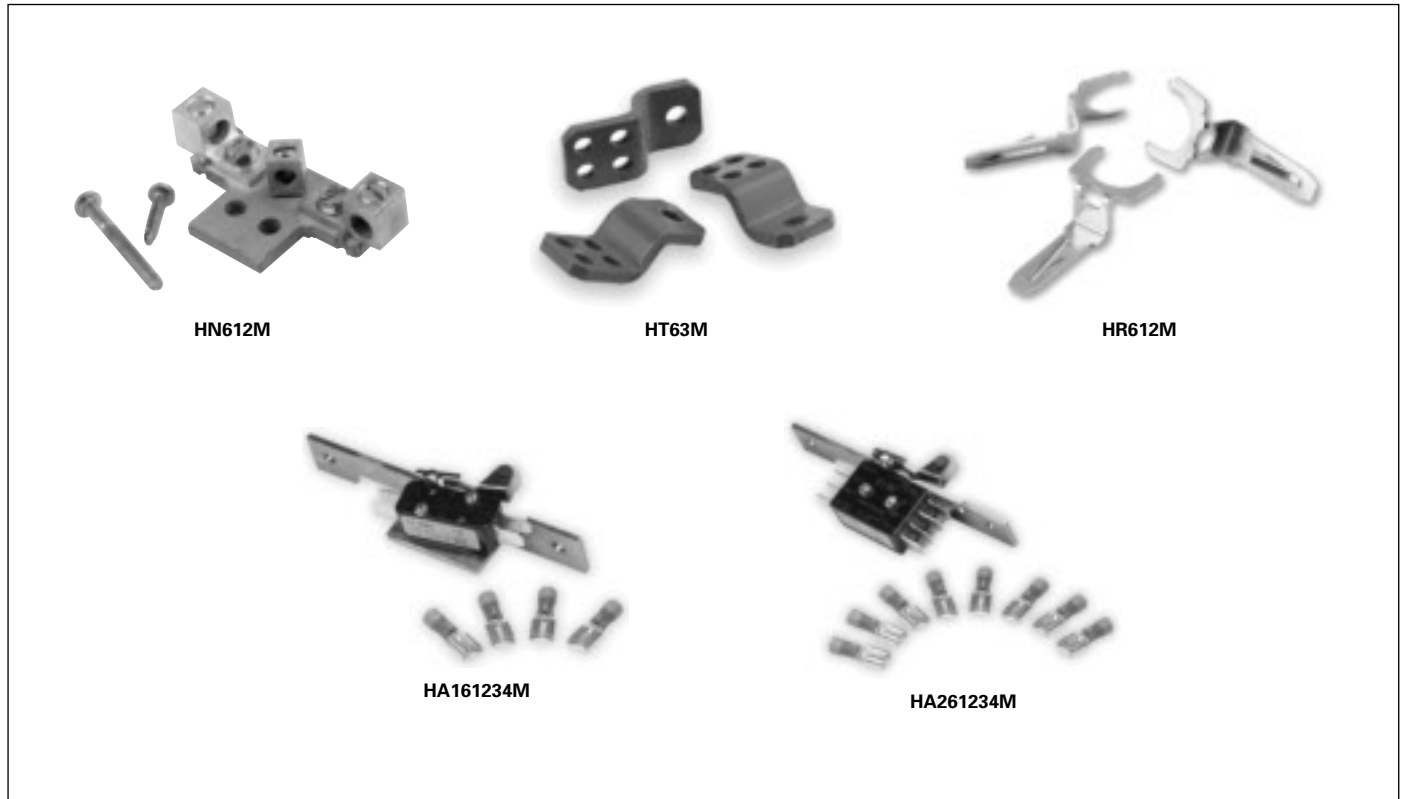


# Safety Switches

## Accessories



### Neutral Kits<sup>①</sup>

Standard Neutral Kits can be field installed in General and Heavy Duty Switches.

Switch Ampere Rating	Kit Catalog Number	List Each
30 GD	W410190M	73.00
30 HD, 60 GD	HN612M	103.00
60, 100 HD, 100 GD	HN623M	197.00
200	HN64M	190.00
400 & 600	HN656M	462.00
800 & 1200 VBII	HN678M	888.00

### Class T Fuse Adapter Kits<sup>③</sup>

All 200-600A, General Duty and 100-1200A Heavy Duty Switches are field convertible to accept Class T fuses. All new 400-600A switches are field convertible to accept Class T fuses by moving the load base to a pre-drilled T fuse position.

Catalog Number	Description	List Each
HT23M <sup>②</sup>	100A, 240V Kit	81.00
HT63M	100A, 600V Kit	127.00
HT24M <sup>②</sup>	200A, 240V Kit	108.00
HT64M	200A, 600V Kit	152.00
HX327TF	800A, 240V Kit	217.00
HX367TF	800A, 600V Kit	237.00
HX328TF	1200A, 240V Kit	542.00

### Class R Fuse Clip Kits<sup>②</sup>

Catalog Number	Description	List Each
GSRK321M	30A, 240V Kit (GD only)	28.50
HR21M	30A, 240V Kit (HD only)	88.00
HR612M	30A, 600V Kit/60A, 240V Kit	88.00
HR62M	60A, 600V Kit	88.00
HR63M	100A Kit	57.00
HR64M	200A Kit	57.00
HR656M	400A/600A Kit	145.00

### Equipment Ground Kits

Equipment Ground Lug Kits are available for all General Duty, Heavy Duty and Double Throw Switches. They are field installable in Type 1 and Type 3R Switches and are factory installed as standard in Type 4/4X and Type 12 Switches.

Switch Ampere Rating	Catalog Number	Number of Terminals	Wire Range Per Terminal (Cu/Al)	List Each
30A GD	GSGK60M	2	#14-8 AWG	25.50
60-200 GD	HG61234M	2	#14-4 AWG	25.50
30-200 HD	HG61234M	2	#14-4 AWG	25.50
400 & 600	HG656M	4	#6 AWG-250 Kcmil	130.00
800-1200	HG678M	8	#6 AWG-250 Kcmil	253.00

### Class J Fuse

All 100-600A General Duty and 600V 30-600A Heavy Duty Switches are field convertible to accept Class J fuses by moving the load base to a pre-drilled J fuse position.

① All neutral kits are provided with a grounding lug and also contain a bonding provision.

② One kit per switch required for General and Heavy Duty switches. Two kits required per Double Throw Switch.

③ (1) kit per pole required.

② 100 and 200A Double Throw switches are also convertible from H to T fuses by using (6) kits per switch.

# Safety Switches

## Accessories & Lug Data

### Type VBII 3R Hubs<sup>①</sup> (60-600A GD 30-1200A HD)

Conduit Size (Inches)	Cat #	List Each	Std. Pkg.	Ship. Wgt. (Std. Pkg.)	For Use on Switches Rated
¾	ECHS075	42.00	1	.50	30-200A HD, 60-200AGD
1	ECHS100	42.00	1	.50	30-200A HD, 60-200AGD
1¼	ECHS125	42.00	1	.50	30-200A HD, 60-200AGD
1½	ECHS150	42.00	1	.50	30-200A HD, 60-200AGD
2	ECHS200	73.00	1	.50	30-200A HD, 60-200AGD
2½	ECHS250	116.00	1	.50	30-200A HD, 60-200AGD
2½	ECHV250	133.00	1	1.00	400-1200A <sup>②③</sup>
3	ECHV300	193.00	1	1.00	400-1200A <sup>②③</sup>
3½	ECHV350	291.00	1	1.00	400-1200A <sup>②③</sup>
4	ECHV400	385.00	1	1.00	400-1200A <sup>②③</sup>

### Auxiliary Contacts<sup>⑦</sup>

Auxiliary Contacts are available only for Heavy Duty and Double Throw Switches. The auxiliary contacts are available in 1 normally open and 1 normally closed or 2 normally open and 2 normally closed configurations. All auxiliary contacts make after and break before the main switch contacts.

Switch Ampere Rating	Aux. Switch Catalog Number	List Each	Kit Ampere Rating			Kit Horsepower Rating		
			125V AC Max.	250V AC Max.	28V DC Max.	125V AC Max.	250V AC Max.	28V DC Max.

#### With 1 NO & 1 NC Isolated Contacts

30-200	HA161234M	253.00	10	10	-	1/2	3/4	-
400-1200	HA165678M	622.00	10	10	-	1/2	3/4	-

#### With 2 NO & 2 NC Isolated Contacts

30-200	HA261234M	375.00	10	10	7	1/2	3/4	-
400-1200	HA265678M	651.00	10	10	7	1/2	3/4	-

### Compact & 30A GD Switch Hubs

Conduit Size (Inches)	Cat #	List Each	Approx. Wgt. Lbs. (Std. Pkg.—1)
¾	ECHA075	39.00	.10
1	ECHA100	39.00	.10
1¼	ECHA125	39.00	.10

### Plugs for Protector-Lock<sup>®</sup> Switches

Cat #	Net Price Each <sup>②</sup>	Approx. Wgt. Lbs. (Std. Pkg.—1)	Rating	Description
APJ6485	222.00	5.00	60A, 600V AC	High impact strength, copper-free aluminum. Accepts 0.64-1.37" diameter cord.
AX103S	179.00	.80	30A, 600V AC	Armored steel with cord grip. Accepts 0.562-1.000" diameter cord.

### Closure Plates

Cat #	List Each	Rating
ECHS000	40.50	⑥
ECHV000	25.00	400-1200A
HVHRA <sup>⑥</sup>	32.50	400-1200A

### General & Heavy Duty Switches Lug Data

30-100A Switches are suitable for use with 60° or 75°C wire. 100-1200A are suitable for use with 75°C rated wire.

#### Wire Ranges (Line, Load and Standard Neutral)

Switch Ampere Rating	Wire Range with Wire-Bending Space Per NEC Table 373-6	Lug Range
30 GD	#14-8 AWG (Cu/Al) <sup>⑧</sup>	#14-8 AWG (Cu/Al) <sup>⑧</sup>
30	#12-6 AWG (Al) or #14-6 AWG (Cu)	#14-2 AWG (Cu/Al)
60	#12-3 AWG (Al) or #14-3 AWG (Cu)	#14-2 AWG (Cu/Al)
100	#14-1/0 AWG (Cu/Al)	#14-1/0 AWG (Cu/Al)
200	#6 AWG-300 Kcmil (Cu/Al)	#6 AWG-300 Kcmil (Cu/Al)
400 <sup>⑨</sup>	1/0 AWG-750 Kcmil (Cu/Al) or (2) 1/0 AWG-250 Kcmil (Cu/Al)	(1) 1/0 AWG-750 Kcmil (Cu/Al) or (2) 1/0 AWG-250 Kcmil (Cu/Al)
600 <sup>⑨</sup>	(2) 3/0 AWG-750 Kcmil (Cu/Al) or (4) 3/0 -250 Kcmil (Cu/Al)	(2) 1/0 AWG-750 Kcmil (Cu/Al) or (4) 1/0 AWG-250 Kcmil (Cu/Al)
800	(3) 3/0 AWG-750 Kcmil (Cu/Al) Line and Load or (6) 3/0 AWG-250 Kcmil (Cu/Al) (4) 1/0 AWG-750 Kcmil (Cu/Al) neutral	(3) 1/0 AWG-750 Kcmil (Cu/Al) Line and Load or (6) 1/0 AWG-600 Kcmil (Cu/Al) neutral (4) 1/0 AWG-750 Kcmil (Cu/Al) neutral
1200	(4) 3/0 AWG-750 Kcmil (Cu/Al) or (4) 1/0 AWG-600 Kcmil (Cu/Al) neutral	(4) 1/0 AWG-750 Kcmil (Cu/Al) Line and Load (4) 1/0 AWG-600 Kcmil (Cu/Al) neutral

① Also for 30-200 double throw switches. Not for use on compact switches.

② Net Price. No discount.

③ 400A and larger Type 3R switches have no provisions for mounting hubs. Drill or punch hole in the field to accommodate hub size desired.

④ HV to HR adapter plate. Order ECHR series hub separately.

⑤ For gasket kit for HV type hub order catalog number HVGKM (\$7.40 list price).

⑥ 60-200A GD, 30-200A HD

⑦ Two auxiliary contacts required per double throw switch.

⑧ Connector will accept up to #6; conductors on line side and retain UL listing. Also applies to 30 compact switches.

⑨ Max. wire size for height reduced switches is 500 kcmil (Cu/Al).