

Key Interlock Systems



Factory-installed only on heavy duty safety switches and double throw safety switches. Interlocks are used to prevent the authorized operator from making an unauthorized operation. Not available on hazardous location devices (NEMA 7/9) or fiberglass reinforced polyester (NEMA 4X). The key interlock system is a simple and easy method of applying individual key interlock units and assemblies to the above equipment so as to require operation in a predetermined sequence. UL Listed.

Quoting:

Contact Square D for Cat. No., availability, and pricing prior to quoting a job.

Ordering:

Order cannot be released for production until the following information has been provided:

- End User—Company name, address
- Function of each lock (e.g., switch to be locked open with key removed, key held when switch is closed)
- Existing Equipment—if switch is to be interlocked with equipment already on site, provide brand of existing lock and key number
- Other New Equipment—if switch is to be interlocked with new equipment not yet installed at the site, then provide contact person and phone number so that locks may be coordinated
- Additional information may be required upon order entry
- Schneider Electric locks supplied unless otherwise specified.

Use these suffixes on switch Cat. Nos.:

- KI = 1 lock per switch
- KI2 = 1 lock with 2 cylinders (2 keys) per switch
- KIKI = 2 separate locks per switch

Table 3.27: Price Adder Per Lock ▲

Switch Type	\$ Price
30–1200 A Heavy Duty	1370.00
30–600 A Double Throw	1325.00

▲ Prices do not apply when more than three devices are interlocked, as these schemes normally require more than one key assembly per device.

Lock-On Provisions

Lock-off provisions are standard on all heavy duty safety switches. Provision for one 3/8 in. hasp padlock is available factory-installed on NEMA 1, 3R, 4-4X-5 stainless steel and 12 switches. This modification will allow the switch to be locked in the “ON” position. UL Listed.

Table 3.28: Price Adder Per Each Switch

Safety Switch Rating	\$ Price
30–1200 A	103.00

To order, add suffix SPLO to standard Cat. No. Example: H364-SPLO

Cover Viewing Window



Optional cover viewing window is positioned over the blades to allow visual verification of “ON-OFF” status. Available on 30 through 1200 A heavy duty switches, all NEMA Types. (Not available on NEMA 4X fiberglass reinforced polyester, Krydon® enclosures, or NEMA 7 and 9 devices.)

Factory-installed only: add “VW” suffix to the Cat. No. See table below for price adder.

Table 3.29: Price Adder Per Switch—UL Listed

Amperes	2 and 3-Pole	4 and 6-Pole
30–200 A	25.00	50.00
400–1200 A	1531.00	—

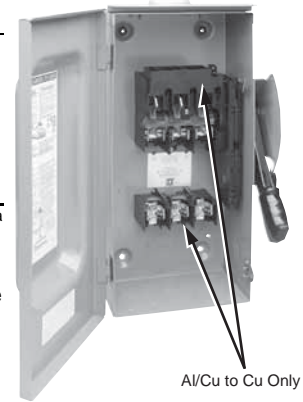
Copper Only Lug Kits

Heavy duty safety switches are supplied standard with Al lugs, which accept both Cu and Al wires. For field installation of copper-only lug kits, order kits below. For factory installation of copper only lugs, add suffix SLC to standard Cat. No. **Note:** NEMA 12, 12K and stainless steel switches with factory-installed lugs bear the UL Marine Listed manifest for use on vessels over 65 feet long. NEMA 12, 12K and stainless steel switches using field-installed copper only lug kits are UL Marine Listed, but do not bear the marine manifest.

Table 3.30: Kits – Wire size (page 3-13)

Switch (A)	Lug Kit Cat. No. ■	Kit \$ Price	Factory-Installed Adder per Switch
30	CL0306F	46.30	149.
60	CL0306F	46.30	149.
100	CL10F	106.00	287.
200	CL20F	176.00	478.
400	CL40F	366.00	993.
600	CL60F	595.00	1617.
800	—	—	—
1200	—	—	—

■ One kit includes all phase line/load lugs for a 3-pole switch.



Double Lug Kits

200 A heavy duty F-series switches are supplied standard with lugs listed on page 3-12 (one wire per phase). For lugs that accept two wires per phase and neutral, order the following kit:

NOTE: Not UL Listed.

Switch (A)	Lug Kit Cat. No.	Kit \$ Price ♦	Lug wire range per phase and neutral AWG/kcmil	Switch wire range per phase and neutral AWG/kcmil
200	AL20DTF	106.00	(2) 6–300 Cu/Al	(2) 6–250 Cu/Al

♦ Kit contains 3 lugs. For double lugs for line and load, order 2 kits.

Table 3.31: 800 and 1200 A Compression Lug Kits—Field-Installable (See page 3-12 for 100–600 A switches)

Series E4 800 and 1200 A safety switches are equipped as standard with mechanical lugs. Alternate compression lug kits are available for field installation and are UL Listed. Each kit consists of VCEL07512H1 Versa-Crimp® Compression Lugs and lug landing connectors capable of converting line and load side of one switch pole or neutral.

Order one field-installable kit per pole or neutral per table below. Example: 3-pole, 3 wire requires (3) kits; 3-pole, 4 wire requires (4) kits.

Switch Amperes	Lug Kit Cat. No.	\$ Price Per Pole or Neutral
800	H8LKE2	595.00
1200	H12LKE2	739.00

Note: For terminal lug data, refer to table below.

Table 3.32: Factory-Installed

Series E4 800 and 1200 A safety switches are available with factory-installed VCEL-075-12H1 Versa-Crimp compression lug kits (above). For factory installation add suffix LK to standard Cat. No. (Example: H367LK) and use price adder from table below based on system type.

Switch Amperes	System	Factory-Installed \$ Price Adder Per Switch
800	2 Wire	1404.00
	3 Wire	1981.00
	4 Wire	2559.00
1200	2 Wire	1727.00
	3 Wire	2464.00
	4 Wire	3204.00

Note: For terminal Lug data refer to table below.

Table 3.33: Terminal Lug Data—800 and 1200 A Compression Lugs

Switch Amperes	Conductors Per Phase	Compression Lug (VCEL-075-12H1) Wire Range
800	(3) Line and (3) Load	500–750 kcmil (Al) or 500 kcmil (Cu)
	(4) Line and (4) Load	500–750 kcmil (Al) or 500 kcmil (Cu)