## General and Heavy Duty Safety Switches

## Interchangeable Hubs

Conduit hubs are available for Type 3R, 12 and 4 / 4X applications. 30-200A Type 3R Switches are provided with a conduit hub provision and a removable hub plate on their top rainshed.

| Conduit <br> Size <br> (inches) | Catalog <br> Number | Used On |
| :--- | :--- | :--- |

Type 3R ${ }^{\text {(1) }}$

| Cover | ECHA000 |  |
| :--- | :--- | :--- |
| $3 / 4$ | ECHA075 | 30-60A GD Only |
| 1 | ECHA100 |  |
| $11 / 4$ | ECHA125 |  |
| Cover | ECHS000 |  |
| $3 / 4$ | ECHS075 |  |
| 1 | ECHS100 | 100-200A GD |
| $11 / 4$ | ECHS125 | 30-200A HD |
| $11 / 2$ | ECHS150 |  |
| 2 | ECHS200 |  |
| $21 / 2$ | ECHS250 |  |
| $21 / 2$ | ECHV250 |  |
| 3 | ECHV300 | $400-1200 A$ |
| $31 / 2$ | ECHV350 |  |
| 4 | ECHV400 |  |

Type 4/4X ${ }^{(2)}$

| $3 / 4$ | SSH075 |  |
| :--- | :--- | :--- |
| 1 | SSH100 |  |
| $11 / 4$ | SSH125 | $30-200 \mathrm{~A}$ |
| $11 / 2$ | SSH150 |  |
| 2 | SSH200 |  |
| $21 / 2$ | SSH250 |  |
| 3 | SSH300 | $400-600 \mathrm{~A}$ |
| $31 / 2$ | SSH350 |  |
| 4 | SSH400 |  |

Note: 30 thru 200A. Type 3R Switches have removable hub plates on rainshed. 400A and larger Type 3R Switches have no provisions for mounting hubs. Drill or punch hole in the field to accommodate hub size desired

## Field Replacement Kits and Neutral Barrier Kits

All Heavy Duty Switches are field convertible for (Crimp) type lugs. When compression lugs are required for 30-100A switches, a neutral barrier kit is required for 1-Phase, 3W or 3-Phase, 4W applications. When compression lugs are required on 400-1200A switches, lug mounting kits are required.

Field Replacement Kits and Neutral Barrier Kits

| Switch <br> Ampere <br> Rating | Catalog <br> Number | Kit Description |
| :--- | :--- | :--- |$|$| 30 | HCL612 | Neutral Barrier Kit |
| :--- | :--- | :--- |
|  <br> 100 | HCL623 | Neutral Barrier Kit |
| 400 | HCM65A | $240 \mathrm{~V} / 600$ V Fusible Kit |
| 400 | HNCM65A | $240 / 600$ V Non- <br> Fusible Kit |
| 600 | HCM66A | 240V/600V Fusible Kit |
| 600 | HNCM66A | $240 \mathrm{~V} / 600$ V Non- <br> Fusible Kit |
|  <br> $12005^{5}$ | HCL65678■ | 1 Pole, Compression <br> Lug Mounting Kit |

## Lugs

30 \& 60A HD Switches are suitable for use with $60^{\circ}$ or $75^{\circ} \mathrm{C}$ wire. 100 1200 A are suitable for use with $75^{\circ} \mathrm{C}$ rated wire.

## Multiple Padlock Accessory

A tamper-proof device to provide for multiple padlocking to meet OSHA or plant requirements. Accepts up to 6 1/4" padlocks. Catalog number SL0420. Standard Carton-12.

Wire Ranges (Line, Load and Standard Neutral)

| Switch <br> Ampere <br> Rating | Wire Range with Wire Bending Space Per NEC Requirements | Lug Wire Range |
| :---: | :---: | :---: |
| 30GD | \#14-8 AWG (Cu/Al) | \#14-2 AWG (Cu/Al)® |
| 60GD | \#14-6 AWG (Cu) | \#14-2 AWG (Cu) ${ }^{\text {® }}$ |
| 30HD | \#14-6 AWG (Cu/Al) | \#14-2 AWG (Cu/AI) |
| 60HD(8) | \#14-3 AWG (Cu/AI) | \#14-2 AWG (Cu/Al) |
| 100 ${ }^{\text {(1) }}$ | \#14-1/0 AWG (Cu/AI) | \#14-1/0 AWG (Cu/AI) |
| $200{ }^{\text {® }}$ | \#6 AWG-250 Kcmil (Cu/Al) | \#6 AWG-300 Kcmil (Cu/AI) |
| $400{ }^{(7)}$ | (1) $1 / 0$ AWG-600 Kcmil (Cu/AI) <br> (2) $1 / 0$ AWG- $500 \mathrm{Kcmil}(\mathrm{Cu} / \mathrm{Al})$ | (2) 1/0 AWG-600 Kcmil (Cu/Al) |
| $600{ }^{(3}$ | (1) $1 / 0$ AWG-600 Kcmil (Cu/AI) <br> (2) $1 / 0$ AWG- $500 \mathrm{Kcmil}(\mathrm{Cu} / \mathrm{Al})$ | (2) 1/0 AWG-600 Kcmil (Cu/Al) |
| 800 | (3) $1 / 0$ AWG- $750 \mathrm{Kcmil}(\mathrm{Cu} / \mathrm{Al})$ Line Load <br> (4) $1 / 0$ AWG- $750 \mathrm{Kcmil}(\mathrm{Cu} / \mathrm{Al})$ neutral | (3) $1 / 0$ AWG- $750 \mathrm{Kcmil}(\mathrm{Cu} / \mathrm{Al})$ Line Load <br> (4) $1 / 0$ AWG- $750 \mathrm{Kcmil}(\mathrm{Cu} / \mathrm{Al})$ neutral |
| 1200 | (4) 3/0 AWG-750 Kcmil (Cu/AI) Line Load <br> (4) $1 / 0$ AWG-750 Kcmil (Cu/Al) neutral | (4) $1 / 0$ AWG-750 Kcmil (Cu/AI) Line Load <br> (4) $1 / 0$ AWG- 750 Kcmil (Cu/Al) neutral |



Built to order. Allow 3-4 weeks for delivery.
(1) Hubs suitable for 3R Switches.
(2) Also suitable for Type 12 applications.
(3) Neutral Barrier kits are required on 30-100A switches only and only with 1-Phase / 3W or 3-Phase / 4W loads. Compression Lugs mounting kits are required on 400-1200A switches only.
(4) Provides mounting for a single line or load lug.
(5) Provides mounting for (2) compression lugs per phase on line or load
(6) Neutral lugs (only) are UL approved to accept \#14-4 CU/AI cable.
(7) Max. wire size for height reduced switches is 500 kcmil (Cu/AI).
(8) Compact HD NF switches are also UL approved for \#2 Cu/Al conductors.
(9) All 200A Heavy Duty Switches have a wire range $\&$ wire bending space for (1) \#6-300 Kcmil (Cu/AI).
(10) Also for 30A oversized heavy duty switches.
(11) Also for 60A oversized heavy duty switches.

