

SIEMENS

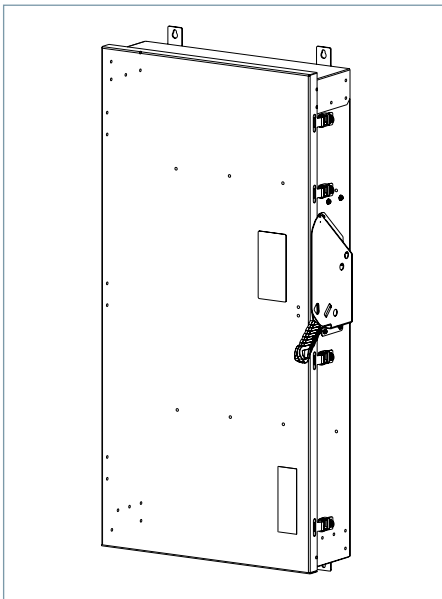
Ingenuity for life

Data Sheet

Heavy Duty Safety Switch

600A 600V, Type 4/4X

usa.siemens.com/switches



Standards and Ratings

- UL listed under file #E4776
- CSA listed under file #154852
- Meets NEMA Standard KS-1 for enclosed switches
- Meets NEC wire bending space requirements
- Rated 10,000 AIC with class H fuses or 200,000 AIC with Class R, T or J fuses
- 12t rated (Amps² x Seconds = 12,000,000)
- 12X overload current rating exceeds 10X industry standard
- Suitable for use as service entrance equipment

Features

- Quick-make and break switching action
- Visible blade design
- Highly visible ON/OFF indication
- Modular design allows quick and easy replacement of parts
- Defeatable dual cover interlock
- Compact one piece light weight construction enables easier installation
- Can utilize either one large or two small wires
- Spring loaded heat sink fuse clip
- One piece line and load base for consistent phase-to-phase alignment
- Extra ground lug on neutral
- Tangential knock out
- Lay in Lugs for easy wiring
- Window permits viewing of visible blade

Product Specifications

Heavy Duty 600A 600V, Type 4/4X

General Information

| Catalog Number | Description | Shipping Weight |
|----------------|--|-----------------|
| HNF366SA | Heavy Duty Non-Fused 3 Pole 600V 600A Type 4/4X, 304 Grade Stainless Steel | 77 |
| HNF366SSA | Heavy Duty Non-Fused 3 Pole 600V 600A Type 4/4X, 316 Grade Stainless Steel | 77 |
| HF366SA | Heavy Duty Fused 3 Pole 600V 600A Type 4/4X, 304 Grade Stainless Steel | 98 |
| HF366SSA | Heavy Duty Fused 3 Pole 600V 600A Type 4/4X, 316 Grade Stainless Steel | 98 |
| HFC366NSA | CSA Heavy Duty Fused 3 Pole 600V 600A Neutral Type 4/4X, Stainless Steel | 99.6 |

Maximum Horsepower Ratings

| Catalog Number | 1 Phase, 240V AC | 3 Phase, 240V AC | 1 Phase, 480V AC | 3 Phase, 480V AC | 1 Phase, 600V AC | 3 Phase, 600V AC | 250V DC | 600V DC |
|----------------|------------------|------------------|------------------|------------------|------------------|------------------|---------|---------|
| HNF366SA | — | 200 | — | 400 | — | 500 | 50 | 50 |
| HNF366SSA | — | 200 | — | 400 | — | 500 | 50 | 50 |
| HF366SA | — | 200 | — | 400 | — | 500 | 50 | 50 |
| HF366SSA | — | 200 | — | 400 | — | 500 | 50 | 50 |
| HFC366NSA | — | 200 | — | 400 | — | 500 | 50 | 50 |

Accessories & Hub Kits

| Catalog Number | Description |
|----------------|--|
| HA161234 | Aux. Switch (1NO - 1NC) |
| HA261234 | Aux. Switch (2NO - 2NC) |
| HA361234 | Low Voltage Aux. SW. (1NO - 1NC) |
| HN656A | Neutral |
| HN678A | 200% Neutral |
| HG656A | Ground Lug |
| HG2656A | Isolated Ground |
| HR66A | R Fuse (600A) |
| TFAK65A | T Fuse (600A, 600V) |
| HJ66A | J Fuse (600A, 240/600V) |
| HCU66A | Copper Lug (600A, fused) |
| HNCU66A | Copper Lug (600A, nonfused) |
| HCM66A | Field Replacement Kit (600A, fused) |
| HNCM66A | Field Replacement Kit (600A, nonfused) |
| SSH250 | 2.50" Hub Kit |
| SSH300 | 3.00" Hub Kit |
| SSH350 | 3.50" Hub Kit |
| HCU656A | Copper Lug Kit ① |
| SSH400 | 4.00" Hub Kit |

Replacement Parts

| Catalog Number | Description |
|-------------------------|------------------------------------|
| HNB656A | "Line Base NonFused 400A and 600A" |
| HL656A | Lug Cap Kit (AL) 400-600A |
| HFB66A | Line Base 600A |
| HBB66A | Load Based Fused 600A |
| HL66A | Wire Grip AL Fused 600A |
| HM656A | Mechanism 400A-600A |
| HH656A | Handle/Handle Guard 400A-600A |
| Catalog Number + "DOOR" | Door |

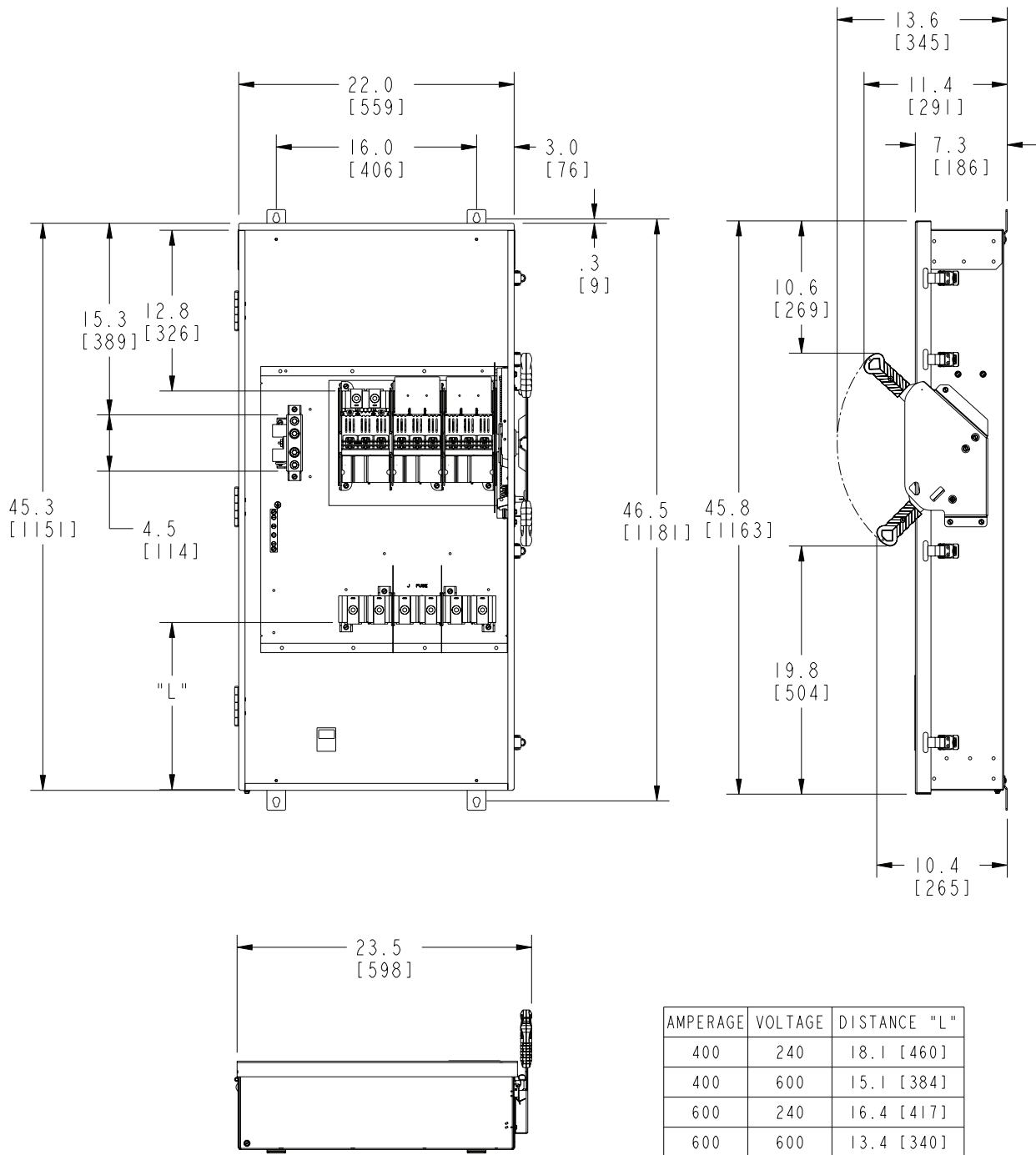
Mechanical Lug Wire Ranges

| Description | Wire Range with Wire Bending Space per NEC® requirements | Lug Wire Range |
|------------------------------------|--|--|
| Line and Load Terminals (NonFused) | (1) 1/0 AWG - 600 kcmil or (1) 1/0 AWG - 500 kcmil | (1) 1/0 AWG - 750 kcmil or (2) 1/0 AWG - 500 kcmil |
| Line and Load Terminals (Fusible) | (1) 1/0 AWG - 600 kcmil or (1) 1/0 AWG - 500 kcmil | (1) 1/0 AWG - 750 kcmil or (2) 1/0 AWG - 500 kcmil |
| Description | Wire Range | |
| 100% Neutral | (2) 1/0 - 600 kcmil or (2) 6 - 300 kcmil | |
| 200% Neutral | (4) 1/0 - 600 kcmil or (2) 6 - 300 kcmil | |

① Purchase field replacement kit along with lugs. (See Speedfax pg. 4-20)

Dimension Drawings

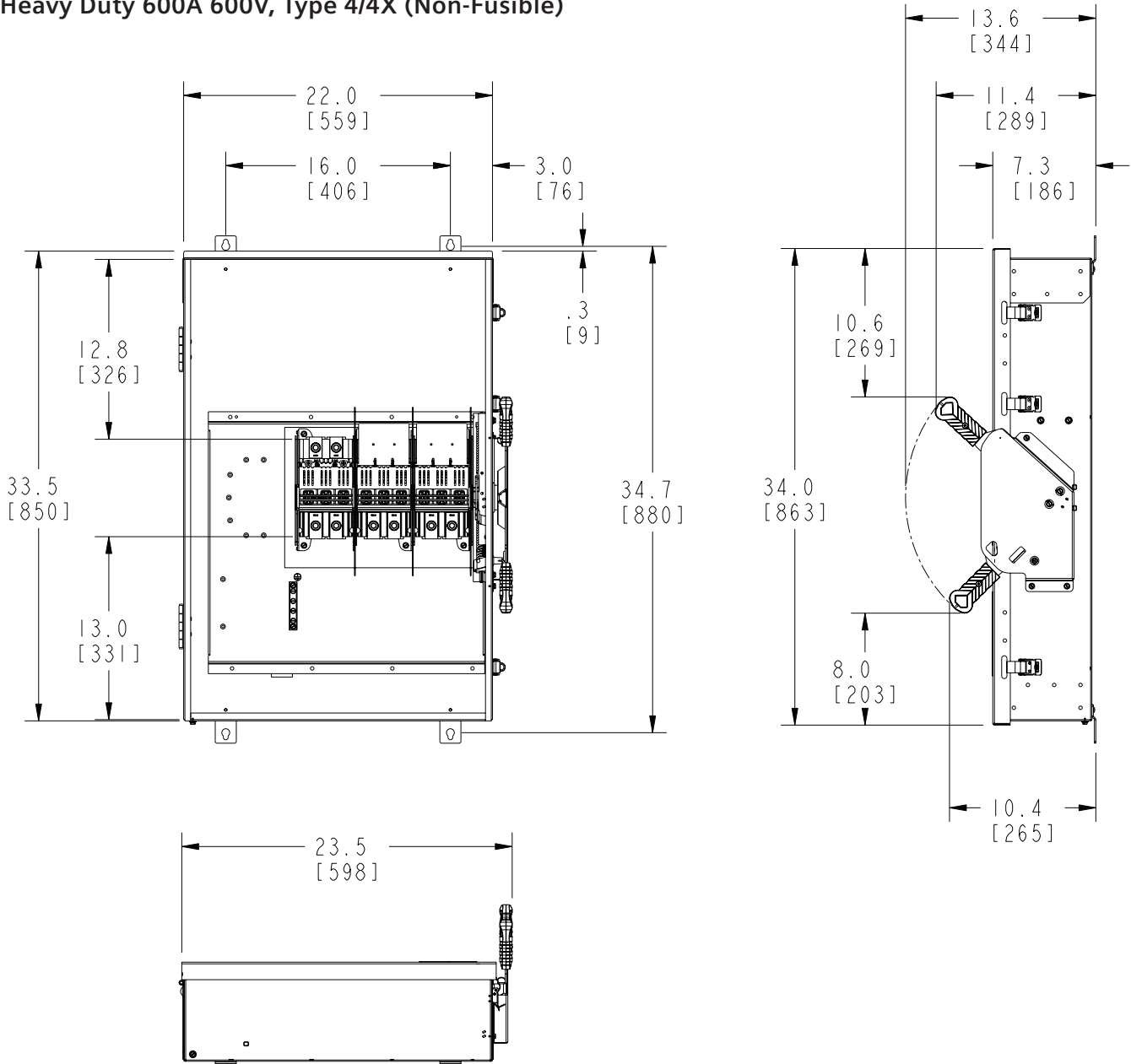
Heavy Duty 600A 600V, Type 4/4X (Fusible)



Dimensions shown in inches and millimeters [].
Dimensions shown accurate to $\pm 1/8$ inch.

Enclosure:
304 Stainless Steel Type 4X
.060 thick (16 gauge)

Heavy Duty 600A 600V, Type 4/4X (Non-Fusible)



Dimensions shown in inches
and millimeters [].
Dimensions shown accurate to $\pm 1/8$ inch.

Enclosure:
304 Stainless Steel Type 4X
.060 thick (16 gauge)

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