

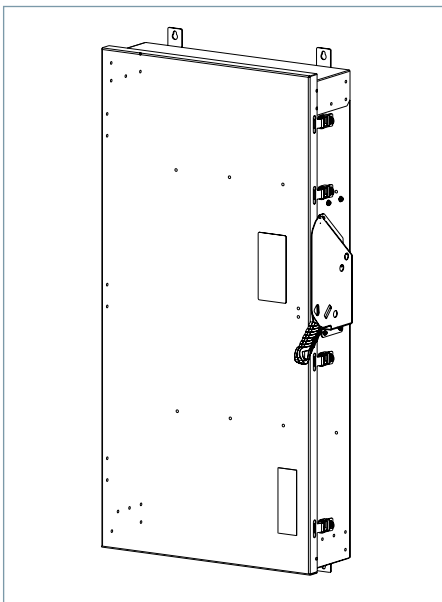
SIEMENS

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
- I²t rated (Amps² x Seconds = 12,000,000)
- 12X overload current rating exceeds 10X industry standard
- Suitable for use as service entrance equipment
- Includes internal shields which meet 2020 NEC 230.62 touch safe requirements for 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)
HCU656A	Copper Lug Kit ①

Replacement Parts

Catalog Number	Description
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
HNB656A	Replacement Non-Fusible Line Base 400-600A

Mechanical Lug Wire Ranges

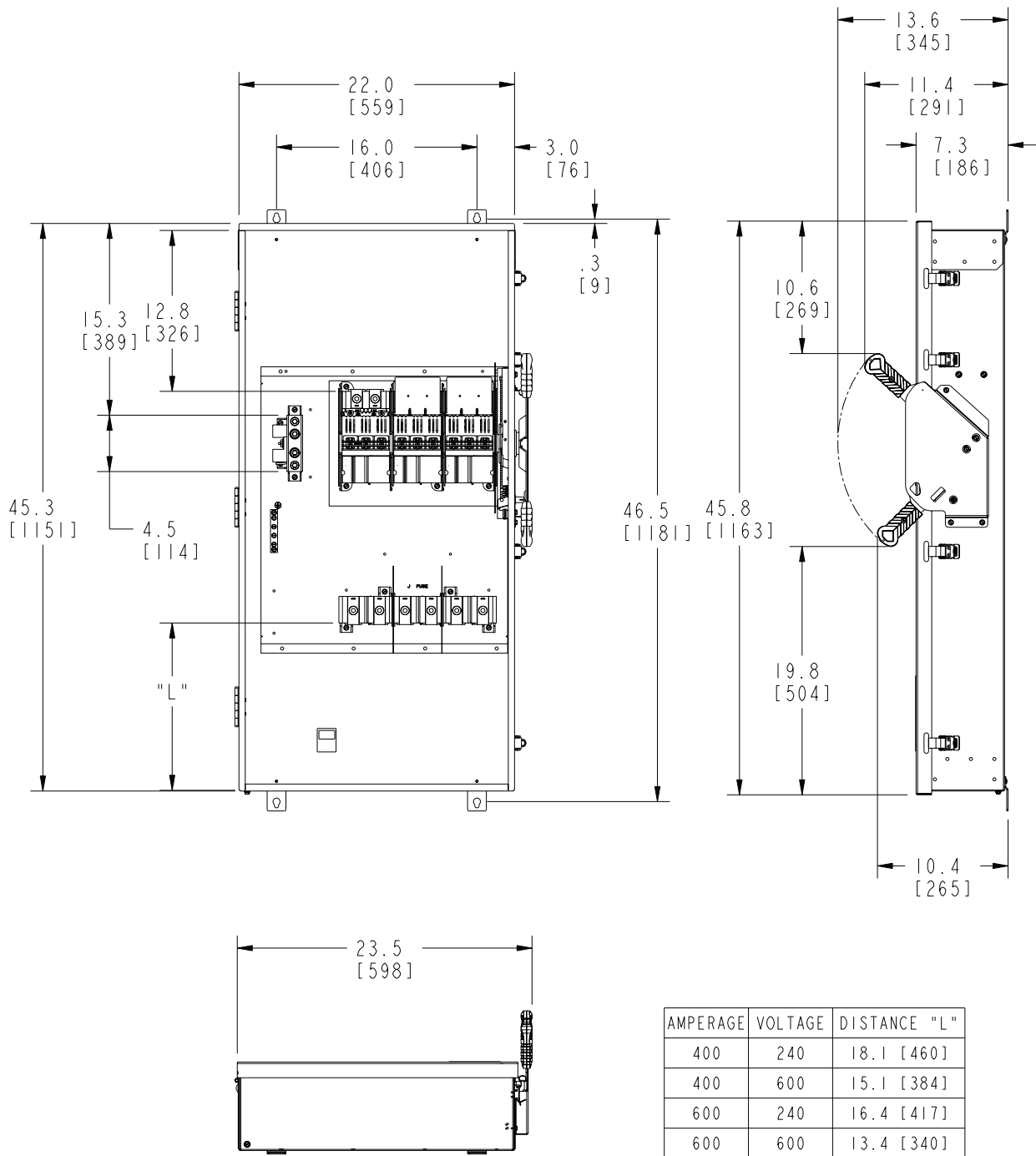
Description	Wire Range with Wire Bending Space per NEC® requirements ②	Lug Wire Range ②
Line and Load Terminals (NonFused)	(1) 1/0 AWG - 600 kcmil or (2) 1/0 AWG - 500 kcmil	(2) 1/0 AWG - 750 kcmil
Line and Load Terminals (Fusible)	(1) 1/0 AWG - 600 kcmil or (2) 1/0 AWG - 500 kcmil	(2) 1/0 AWG - 750 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 section 4)

② Line and load lugs are UL approved to grip two wires per lug. There are two lugs on each line and load end per pole on this device.

Dimension Drawings

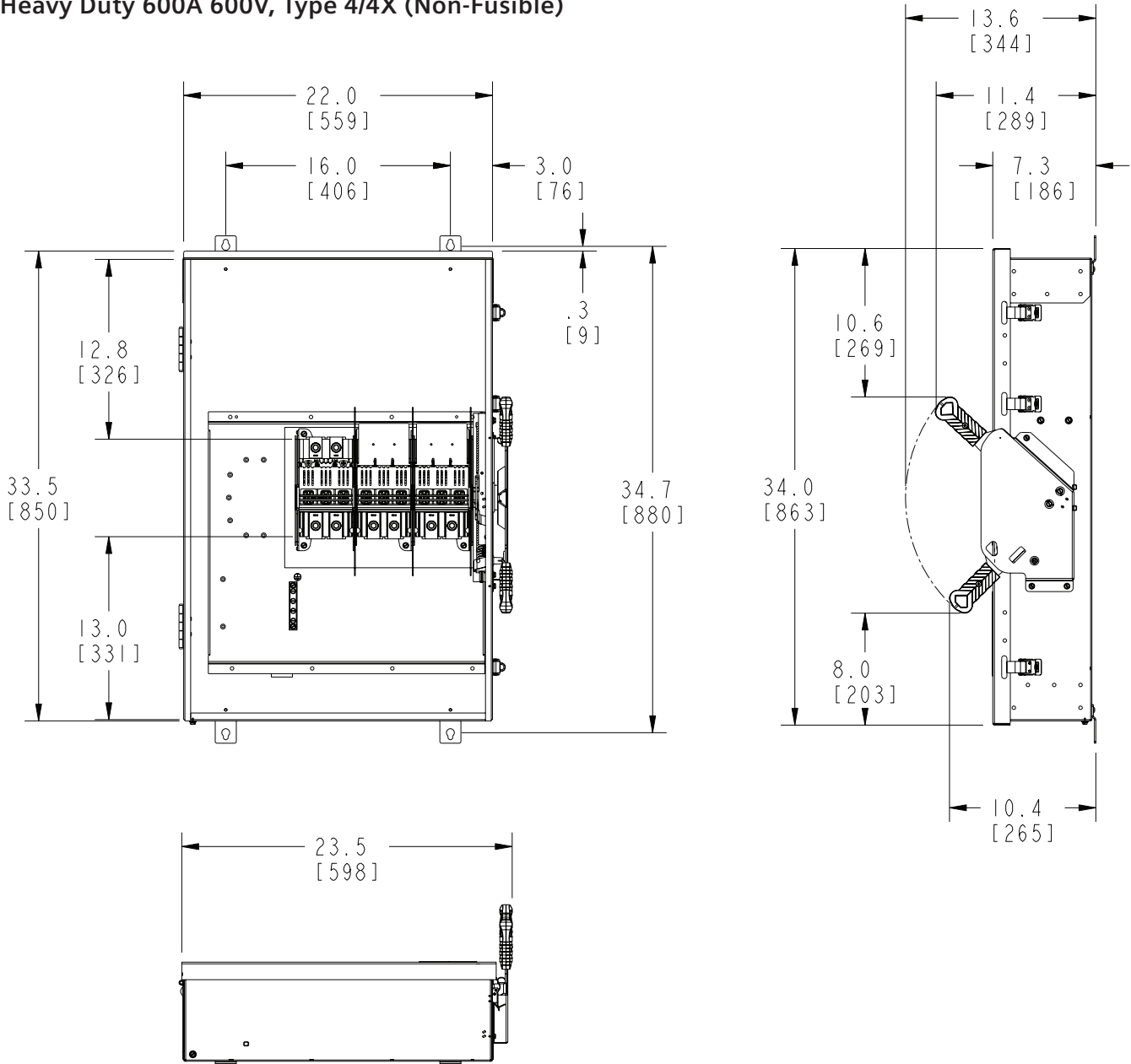
Heavy Duty 600A 600V, Type 4/4X (Fusible)



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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