

# Heavy Duty Safety Switch

## Type VBII, 30 Amp, Type 3R (Outdoor)

### Standards and Ratings

- UL Listed under file #E4776
- Meets UL98 for switches and UL 50 for enclosures
- Meets NEMA Standard KS-1 for enclosed switches
- Meets NEC wire bending space requirements
- Rated 10,000 AIC as standard or 200,000 AIC when protected by Class R, T or J fuses rated 30 amp maximum
- I<sup>2</sup>t rated (Amps<sup>2</sup> x Seconds = 50,000)
- 12X overload current rating exceeds 10X industry standard

- Suitable for use as service entrance equipment

### Features

- Quick-make and break switching action
- Double break visible blade design
- Highly visible ON/OFF indication
- Rugged installer friendly enclosure design
- Modular design allows quick and easy replacement of parts
- Front removable lugs which can easily be converted to copper body or compression type lugs
- Defeatable dual cover interlock

### General Information

Catalog Number	Volts	Description	Shipping Weight (lbs.)
HNF261R	600	2 Pole, 2 Wire, Non-Fusible	13
HNF361R	600	3 Pole, 3 Wire, Non-Fusible	13

### Horsepower Ratings <sup>1 2 3</sup> - 600 Volts

Catalog Number	3 Phase, 480V AC		3 Phase, 600V AC		600V DC
	Std	Max	Std	Max	
HNF261R	—	— <sup>4</sup>	—	— <sup>4</sup>	15
HNF361R	—	20 <sup>5</sup>	—	30	—

### Accessories

Catalog Number	Description
HA161234	One Normally Open and Closed Auxiliary Switches
HA261234	Two Normally Open and Closed Auxiliary Switches
HA361234	Low Voltage Auxiliary Switch
HG61234	Equipment Ground Lug Kit
HG261234	Isolated Equipment Ground Lug Kit
HN612	Neutral Kit
HLC612	Copper Lug Kit (9 lugs per kit)
HCL612	Compression Lug Neutral Barrier Kit
HS075	0.75" Type "HS" Outdoor Hub
HS100	1.00" Type "HS" Outdoor Hub

### Mechanical Lug Wire Ranges (60/75°C, Cu/Al)

Description	Wire Range
Line, Load	#12-6 AWG (Al) or
Neutral	#14-6 AWG (Cu)
Ground	#14-4 AWG

<sup>1</sup> Dual horsepower ratings: Std - applies when non-time delay fuses are installed. Max applies when time-delay fuses are installed.

<sup>2</sup> Horsepower ratings listed also apply to Design E motors through 15HP at 480V and 20HP at 600V with no derating.

<sup>3</sup> Also rated 5HP at 250V DC.

<sup>4</sup> Also rated 7½HP at 480V, 1 phase and 10HP at 600V, 1 phase.

<sup>5</sup> Also rated 10HP on 3 Phase, 240V AC systems.

## Product Specification Sheet HD30.6

Answers for industry.

**SIEMENS**

# Product Specification Sheet #HD30.6 (page 2 of 2)

## Accessories

Catalog Number	Description
HA161234	One Normally Open and Closed Auxiliary Switches
HA261234	Two Normally Open and Closed Auxiliary Switches
HA361234	Low Voltage Auxiliary Switch
HG61234	Equipment Ground Lug Kit
HG261234	Isolated Equipment Ground Lug Kit
HN612	Neutral Kit
HLC612	Copper Lug Kit (9 lugs per kit)
HCL612	Compression Lug Neutral Barrier Kit
HS075	0.75" Type "HS" Outdoor Hub
HS100	1.00" Type "HS" Outdoor Hub

## Replacement Parts

Catalog Number	Description
HNB612	Non-Fusible Replacement Base
HH6123	Replacement Handle/Handle Guard
HL612	Replacement Lugs (3 lugs per kit)
HM6123	Replacement Mechanism
1	Replacement Door

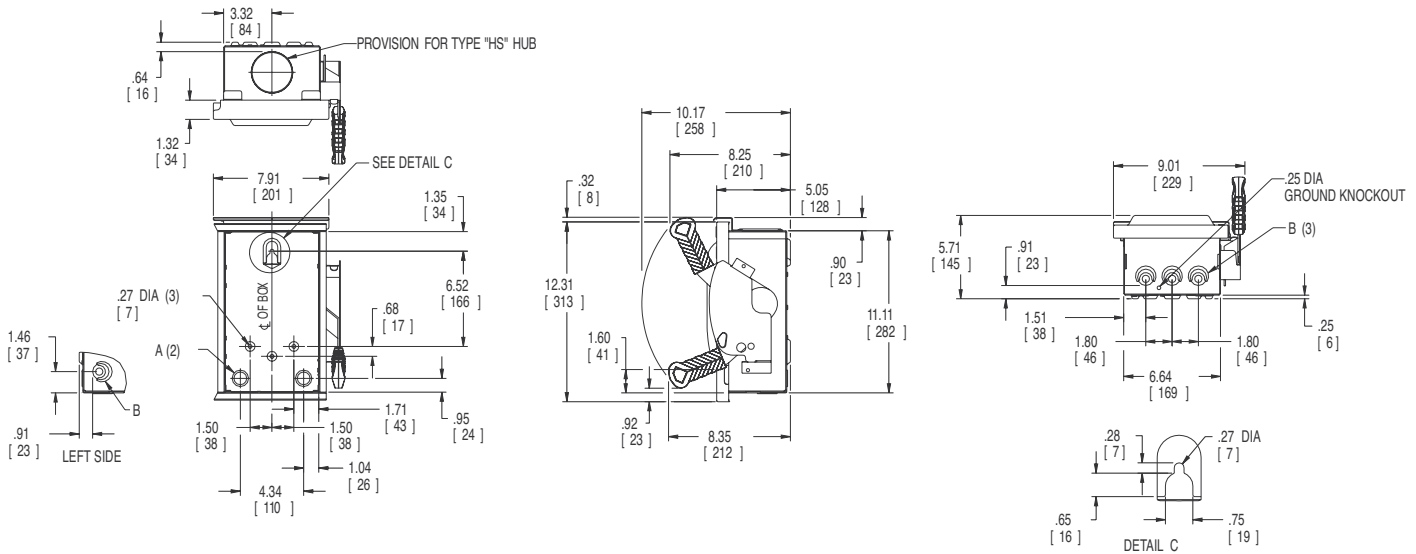
## Compression Lugs <sup>2</sup>

Wire Size	Burdny		Thomas-Betts		IlSCO	
	CU Only	CU/AL	CU Only	CU/AL	CU Only	CU/AL
#14-10				60096 60097		
#8	YA8C-L BOX YA8C-L1 BOX		54104 54130	60101 60102 61102	CRA-8	ACL-8 ACN-8
#6				61107		

1 Place "DOOR" at the end of the switch catalog number.

2 If compression lugs are used for the neutral, order compression lug neutral barrier kit HCL612.

## Dimension Drawing



Dimensions shown in inches and millimeters ( ).  
Dimension shown accurate to ± 1/16 inch.

KNOCKOUT CODE	CONDUIT SIZE		
	.75	1.00	1.00
A (Concentric)	.75	1.00	1.00
B (Tangential)	.50	.75	1.00

	LINE SIDE WIRE BEND	LOAD SIDE WIRE BEND
	Non-Fused	3.02 (77)

Enclosure: Galvanized Steel  
.054 Thick (17 Gauge)  
Finish: ANSI Grey #61 Paint