

# Product data sheet

Specifications

**SQUARE D**



**Safety switch, heavy duty, unfused, viewing window, NEMA 4X, 600V, 100A, 3 pole, ground lugs**

VHU363DSGL

**Product availability : Stock - Normally stocked in distribution facility**

## Main

<b>Product</b>	Single Throw Safety Switch
<b>Duty Rating</b>	Heavy duty
<b>Device Application</b>	Heavy application
<b>Disconnect Type</b>	Non-fusible disconnect
<b>Factory Installed Neutral</b>	Field installed kit available
<b>Number of Poles</b>	3
<b>Current Rating</b>	100 A
<b>Voltage Rating</b>	600 V AC/DC
<b>Enclosure Rating</b>	NEMA 4X stainless steel 304
<b>Motor power hp</b>	20 hp at 240 V AC 50/60 Hz for 1 phase motors 40 hp at 240 V AC 50/60 Hz for 3 phase motors 40 hp at 480 V AC 50/60 Hz for 1 phase motors 75 hp at 480 V AC 50/60 Hz for 3 phase motors 40 hp at 600 V AC 50/60 Hz for 1 phase motors 100 hp at 600 V AC 50/60 Hz for 3 phase motors 20 hp at 250 V DC 50 hp at 600 V DC

## Complementary

<b>Mounting Type</b>	Surface
<b>Electrical Connection</b>	Lugs
<b>Wiring configuration</b>	3-wire
<b>Wire Size</b>	AWG 12...AWG 1/0 aluminium AWG 14...AWG 1/0 copper
<b>Tightening torque</b>	50 lbf.in (5.65 N.m) (AWG 1...AWG 3/0) 45 lbf.in (5.08 N.m) (AWG 6...AWG 4) 40 lbf.in (4.52 N.m) 0.01 in <sup>2</sup> (8.367 mm <sup>2</sup> ) (AWG 8) 35 lbf.in (3.95 N.m) 0.00...0.01 in <sup>2</sup> (2.06...5.261 mm <sup>2</sup> ) (AWG 14...AWG 10)
<b>Depth</b>	7.28 in (184.91 mm)
<b>Width</b>	9.336 in (237.13 mm)
<b>Height</b>	20.76 in (527.30 mm)
<b>Net Weight</b>	22.05 lb(US) (10 kg)
<b>Grounding Kit</b>	Factory installation
<b>Service Entrance</b>	Suitable service entrance for USA Suitable service entrance for Mexico

## Environment

---

**Certifications** UL listed file E2875

## Ordering and shipping details

<b>Category</b>	00010-H&HU SW,2&3P,N4,SS,30-200A
<b>Discount Schedule</b>	DE1
<b>GTIN</b>	3606485894829
<b>Returnability</b>	Yes
<b>Country of origin</b>	US

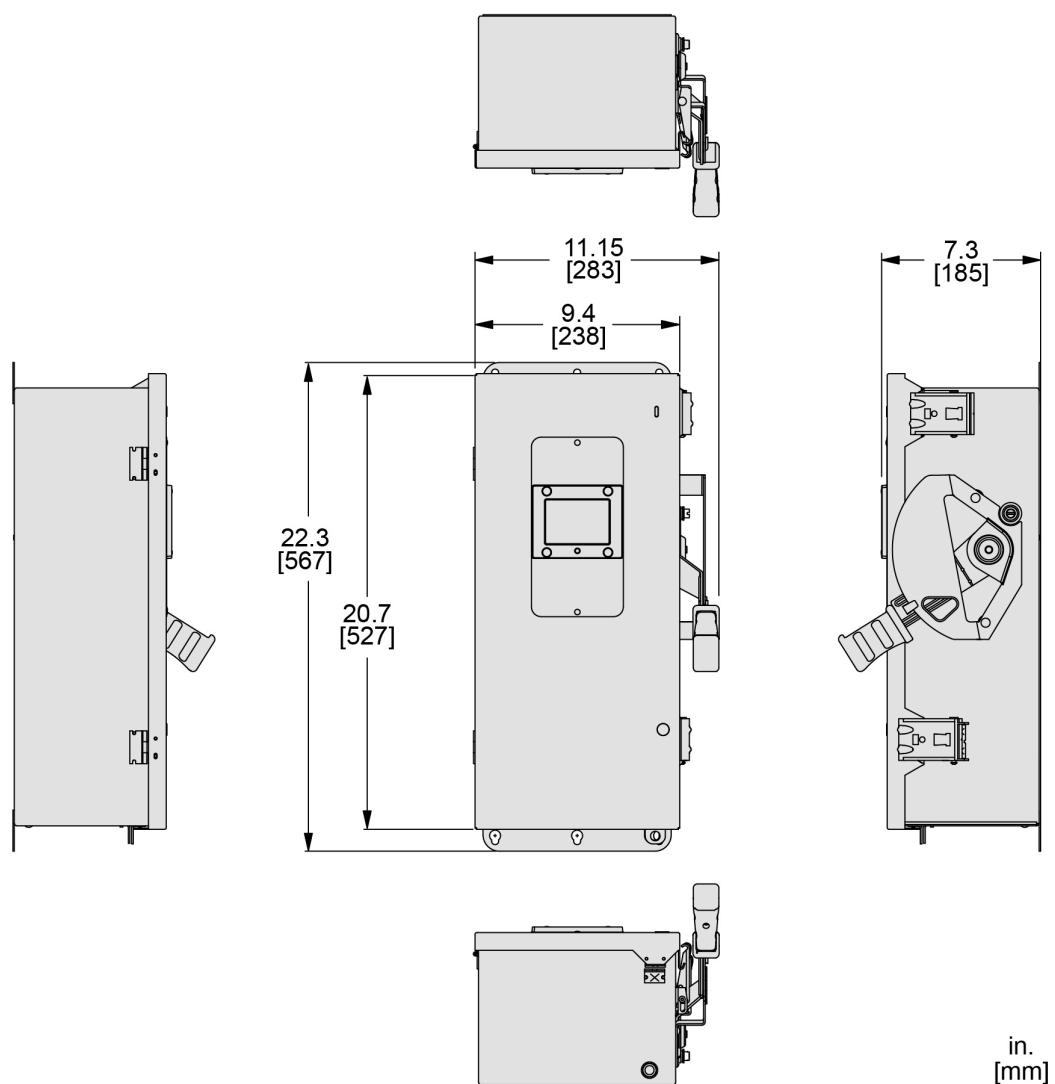
## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.50 in (19.05 cm)
Package 1 Width	11.37 in (28.892 cm)
Package 1 Length	22.62 in (57.467 cm)
Package 1 Weight	24.03 lb(US) (10.9 kg)

## Offer Sustainability

<b>California proposition 65</b>	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
<b>EU RoHS Directive</b>	Under investigation

### Dimensions

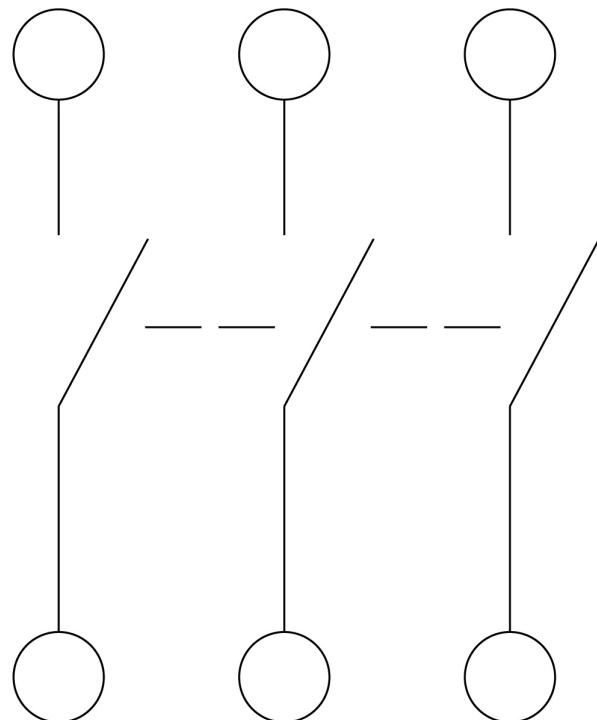


ALL DIMENSIONS ARE APPROXIMATE.  
REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.

Wiring Diagram

LINE SIDE

ACCEPTS: 12-1/0 AWG AL  
14-1/0 AWG CU



LOAD SIDE

ACCEPTS: 12-1/0 AWG AL  
14-1/0 AWG CU

REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.

Recommended replacement(s)