

Product data sheet

Specifications

SQUARE D



Safety switch, heavy duty, fused, viewing window, Type 4X, 600V, 100A, 3 pole, neutral installed, ground lugs

VH363NDSGL

Product availability : Stock - Normally stocked in distribution facility

Main

| | |
|----------------------------------|--|
| Product | Single Throw Safety Switch |
| Duty Rating | Heavy duty |
| Device Application | Heavy application |
| Disconnect Type | Fusible disconnect |
| Factory Installed Neutral | Neutral (factory installed) |
| Number of Poles | 3 |
| Current Rating | 100 A |
| Voltage Rating | 600 V AC/DC |
| Enclosure Rating | NEMA 4X stainless steel 304 |
| Motor power hp | 25 hp at 480 V AC 50-60 Hz for 3 phase motors 60 hp at 480 V AC 50-60 Hz for 3 phase motors 30 hp at 600 V AC 50-60 Hz for 3 phase motors 100 hp at 600 V AC 50-60 Hz for 3 phase motors 50 hp at 600 V DC |

Complementary

| | |
|------------------------------|--|
| Short-circuit current | 10 kA for H, K, J or R without fuse rejection clips 200 kA for R with fuse rejection clips 200 kA for J |
| Mounting Type | Surface |
| Electrical Connection | Lugs |
| Wiring configuration | 4-wire (3PH + N) |
| Wire Size | AWG 12...AWG 1/0 aluminium AWG 14...AWG 1/0 copper |
| Tightening torque | 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 ² (8.367 mm ²) (AWG 8) 35 lbf.in (3.95 N.m) 0.00...0.01 in ² (2.06...5.261 mm ²) (AWG 14...AWG 10) |
| Depth | 7.2 in (182.88 mm) |
| Width | 9.336 in (237.13 mm) |
| Height | 20.73 in (526.54 mm) |
| Net Weight | 22.99 lb(US) (10.43 kg) |
| Grounding Kit | Factory installation |
| Service Entrance | Suitable service entrance for USA |

Environment

| | |
|----------------|----------------------|
| Certifications | UL listed file E2875 |
|----------------|----------------------|

Ordering and shipping details

| | |
|-------------------|----------------------------------|
| Category | 00010-H&HU SW,2&3P,N4,SS,30-200A |
| Discount Schedule | DE1 |
| GTIN | 3606485894126 |
| Returnability | No |
| Country of origin | US |

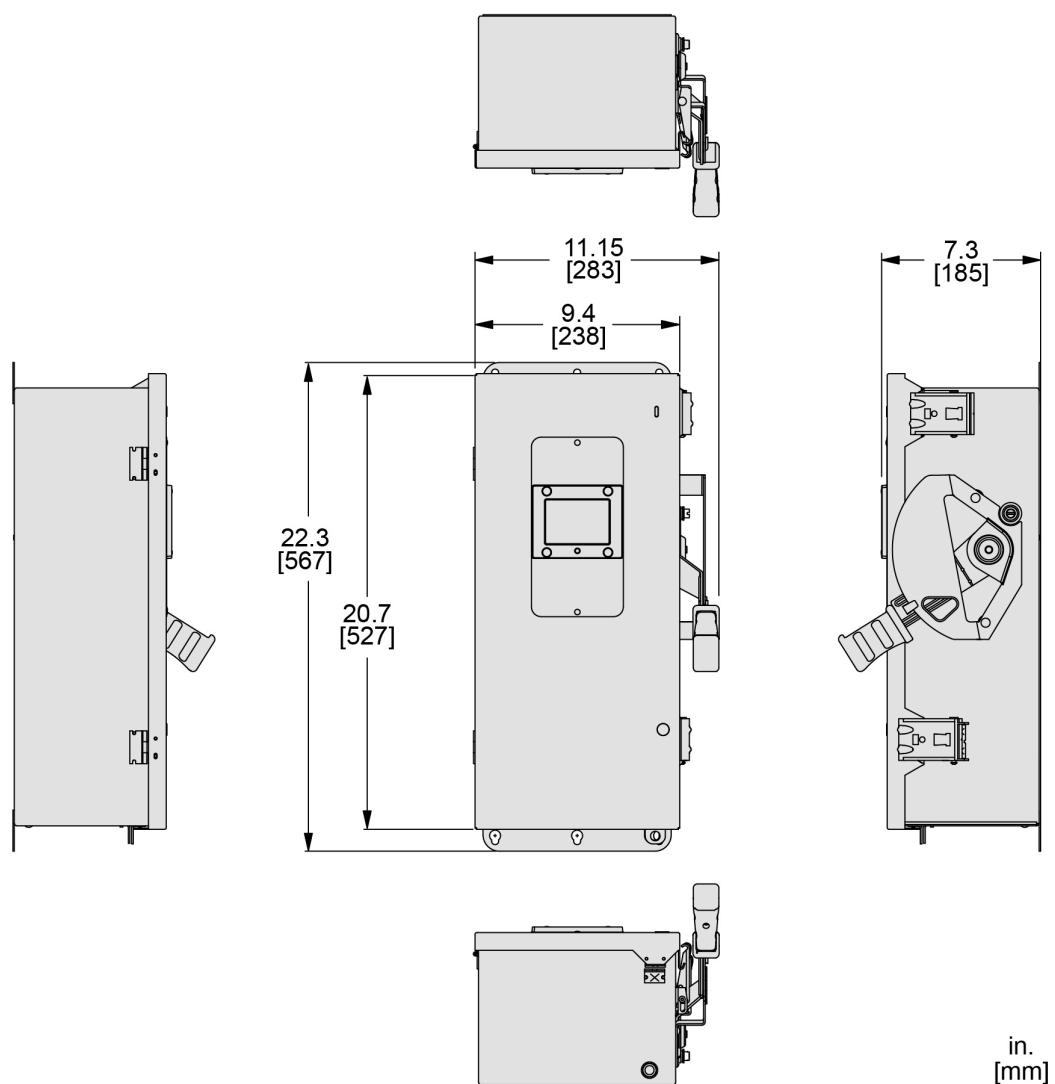
Packing Units

| | |
|------------------------------|------------------------|
| 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

| | |
|---------------------------|---|
| California proposition 65 | 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 www.P65Warnings.ca.gov |
| EU RoHS Directive | Under investigation |

Dimensions

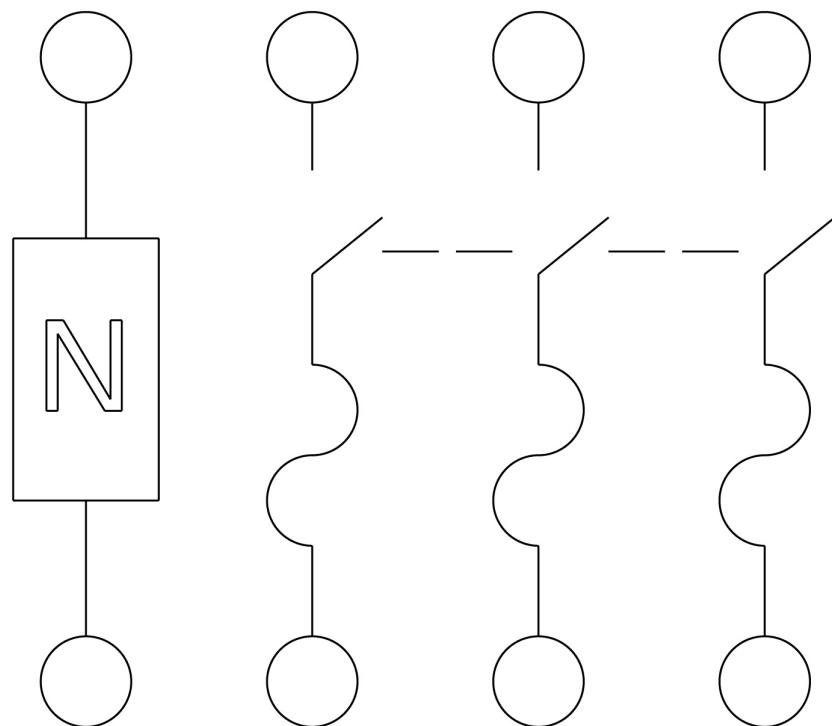


ALL DIMENSIONS ARE APPROXIMATE.
REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.

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)