

# Product data sheet

Specifications

**SQUARE D**



**Safety switch, heavy duty, fused, viewing window, NEMA 3R, 240V, 100A, 2 pole, neutral installed**

VH223NRB

**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>	Fusible disconnect
<b>Factory Installed Neutral</b>	Neutral (factory installed)
<b>Number of Poles</b>	2
<b>Current Rating</b>	100 A
<b>Voltage Rating</b>	250 V DC 240 V AC
<b>Enclosure Rating</b>	NEMA 3R galvannealed steel
<b>Motor power hp</b>	7.5 hp at 240 V AC 50-60 Hz for 1 phase motors 15 hp at 240 V AC 50-60 Hz for 3 phase motors 15 hp at 240 V AC 50-60 Hz for 1 phase motors 30 hp at 240 V AC 50-60 Hz for 3 phase motors 20 hp at 250 V DC

## Complementary

<b>Short-circuit current</b>	10 kA for H, K, J or R without fuse rejection clips 200 kA for R with fuse rejection clips 200 kA for J
<b>Fuse type</b>	H or K R or J
<b>Mounting Type</b>	Surface
<b>Electrical Connection</b>	Lugs
<b>Wiring configuration</b>	3-wire (2P + N)
<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>	7.019 in (178.28 mm)
<b>Width</b>	9.08 in (230.63 mm)
<b>Height</b>	22.103 in (561.42 mm)
<b>Net Weight</b>	19.84 lb(US) (9 kg)
<b>Grounding Kit</b>	Field installed kit available

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<b>Service Entrance</b>	Suitable service entrance for USA Suitable service entrance for Mexico
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## Environment

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<b>Certifications</b>	UL listed file E2875
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## Ordering and shipping details

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<b>Category</b>	00009-H&HU SW,2&3P,N3R,30-200A
<b>Discount Schedule</b>	DE1
<b>GTIN</b>	3606485893174
<b>Returnability</b>	Yes
<b>Country of origin</b>	US

## Packing Units

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<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	22.62 in (57.4675 cm)
<b>Package 1 Width</b>	10.38 in (26.3525 cm)
<b>Package 1 Length</b>	7.00 in (17.78 cm)
<b>Package 1 Weight</b>	19.84 lb(US) (9 kg)

## Offer Sustainability

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<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

## Recommended replacement(s)