

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

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	2
Current Rating	100 A
Voltage Rating	250 V DC 240 V AC
Enclosure Rating	NEMA 3R galvanized steel
Motor power hp	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

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
Fuse type	H or K R or J
Mounting Type	Surface
Electrical Connection	Lugs
Wiring configuration	3-wire (2P + 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	7.019 in (178.28 mm)
Width	9.08 in (230.63 mm)
Height	22.103 in (561.42 mm)
Net Weight	19.84 lb(US) (9 kg)
Grounding Kit	Field installed kit available

Service Entrance	Suitable service entrance for USA Suitable service entrance for Mexico
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Environment

Certifications	UL listed file E2875
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Ordering and shipping details

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

Packing Units

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

Recommended replacement(s)