Product data sheet

Specifications

SQUARE D

Green Premium™

Safety switch, heavy duty, fused, viewing window, NEMA 4X, 240V, 100A, 2 pole, ground lugs

VH223DSGL

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	Field installed kit available
Number Of Poles	2
Current Rating	100 A
Voltage Rating	250 V DC 240 V AC
Enclosure Rating	NEMA 4X stainless steel 304
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	2-wire
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 in² (8.367 mm²) (AWG 8) 35 lbf.in (3.95 N.m) 0.00…0.01 in² (2.06…5.261 mm²) (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

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

Environment

Certifications	UL listed file E2875

Ordering and shipping details

Category	US10DE100010
Discount Schedule	0DE1
Gtin	3606485893259
Returnability	Yes
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	11.50 in (29.21 cm)
Package 1 Width	7.50 in (19.05 cm)
Package 1 Length	22.62 in (57.467 cm)
Package 1 Weight	24.03 lb(US) (10.9 kg)

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium ⟩

Guide to assess a product's sustainability ⟩

Transparency   RoHS/REACh

Well-being performance

✓ Reach Free Of Svhc

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant

                                             EU RoHS Declaration

China Rohs Regulation   China RoHS declaration

Environmental Disclosure   Product Environmental Profile

Circularity Profile   No need of specific recycling operations

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