

# Product data sheet

Specifications

SQUARE D



Safety switch, VisiPacT, heavy duty, fused, viewing window, NEMA 4X, 240V, 30A, 2 pole, neutral installed, ground lugs

VH221NDSGL

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	30 A
Voltage Rating	250 V DC 240 V AC
Enclosure Rating	NEMA 4X stainless steel 304
Standard Motor Power Rating	1.5 hp at 240 V AC 50-60 Hz for 1 phase motors 3 hp at 240 V AC 50-60 Hz for 3 phase motors 3 hp at 240 V AC 50-60 Hz for 1 phase motors 7.5 hp at 240 V AC 50-60 Hz for 3 phase motors 5 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 6 aluminium AWG 14...AWG 6 copper
Tightening torque	45 lbf.in (5.08 N.m) 0.02 in <sup>2</sup> (13.3 mm <sup>2</sup> ) (AWG 6) 40 lbf.in (4.5 N.m) 0.013 in <sup>2</sup> (8.367 mm <sup>2</sup> ) (AWG 8) 35 lbf.in (4.0 N.m) 0.003...0.008 in <sup>2</sup> (2.06...5.261 mm <sup>2</sup> ) (AWG 14...AWG 10)
Depth	5.384 in (136.754 mm)
Width	7.22 in (183.39 mm)
Height	14.93 in (379.22 mm)
Product Weight	13.2 lb(US) (6 kg)
Grounding Kit	Factory installation

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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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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<b>Standards</b>	UL98 CSA C22.2 No 4 NOM-003-SCFI-2000
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## Ordering and shipping details

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<b>Category</b>	US10DE100010
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<b>Discount Schedule</b>	0DE1
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<b>GTIN</b>	3606485892993
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<b>Returnability</b>	Yes
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<b>Country of origin</b>	US
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## Packing Units

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<b>Unit Type of Package 1</b>	PCE
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<b>Nbr. of units in pkg.</b>	1
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<b>Package 1 Height</b>	5.50 in (13.97 cm)
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<b>Package 1 Width</b>	8.875 in (22.542 cm)
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<b>Package 1 Length</b>	16.625 in (42.227 cm)
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<b>Package weight(Lbs)</b>	13.2 lb(US) (6 kg)
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	53
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
<a href="#">EU RoHS Directive</a>	Compliant
REACH Regulation	<a href="#">REACH Declaration</a>
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

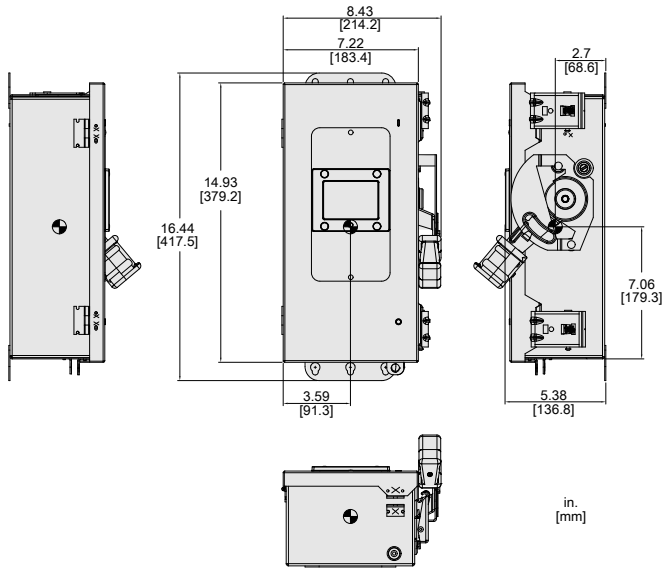
### Use Again

Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No

Technical Illustration

Dimensions

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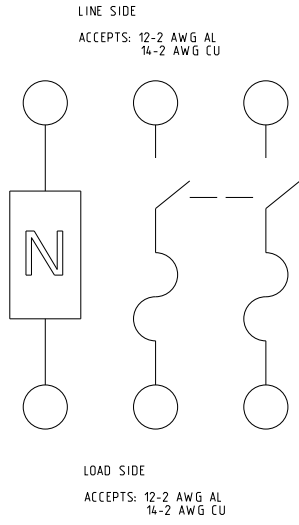


ALL DIMENSIONS ARE APPROXIMATE.  
REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.

Technical Illustration

Wiring diagram

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REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.