Product data sheet

Specifications

SQUARE D

Green Premium™

Safety switch, heavy duty, fusible, 100A, 240VAC, 250VDC, 2 poles, 30HP, NEMA 1, neutral

CH223N

ⓘ Discontinued on: Jul 4, 2023

ⓘ Discontinued

ⓘ End-of-service on: Aug 5, 2023

Main

Product	Single Throw Safety Switch
Disconnect Type	Fusible disconnect
Number Of Poles	2
Electrical Connection	Lugs
Duty Rating	Heavy duty

Complementary

Line Rated Current	100 A
Factory Installed Neutral	Neutral (factory installed)
Mounting Type	Surface
Voltage Rating	240 V DC 250 V AC
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 kHz for 3 phases motors 15 hp at 240 V AC 50...60 kHz for 1 phase motors 30 hp at 240 V AC 50...60 kHz for 3 phases motors 20 hp at 250 V DC
Wire Size	AWG 12...AWG 1/0 aluminum AWG 14...AWG 1/0 copper
Tightening Torque	50 lbf.in (5.65 N.m) AWG 3...AWG 1) 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) 40 lbf.in (4.52 N.m) AWG 8) 35 lbf.in (3.95 N.m) 0.00…0.01 in² (2.06…5.261 mm²) AWG 14...AWG 10) 35 lbf.in (3.95 N.m) AWG 14...AWG 10)
Height	21.25 in (539.75 mm)
Width	10.5 in (266.70 mm)
Depth	6.38 in (162.05 mm)

Environment

Certifications	CSA
Enclosure Rating	NEMA 1 galvannealed steel

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Package 1 Height	7.20 in (18.288 cm)
Package 1 Width	10.70 in (27.178 cm)
Package 1 Length	23.30 in (59.182 cm)
Package 1 Weight	17.28 lb(US) (7.838 kg)

Sustainability ![Green Premium]

Green Premium™ 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

✅ Mercury Free

✅ Rohs Exemption Information   Yes

✅ Pvc Free

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant with Exemptions

China Rohs Regulation   China RoHS declaration

Product out of China RoHS scope. Substance declaration for your information

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Environmental Disclosure   Product Environmental Profile

Circularity Profile   No need of specific recycling operations

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