Product data sheet

Specifications

Discontinued

Safety switch, heavy duty, fusible, 30A, 240VAC, 250VDC, 2 poles, 7.5HP, NEMA 3R, bolt on provision, neutral

CH221NRB

Discontinued on: Jul 4, 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	30 A
Factory Installed Neutral	Neutral (factory installed)
Mounting Type	Surface
Voltage Rating	240 V DC 250 V AC
Motor Power Hp	1.5 hp at 240 V AC 50...60 Hz for 1 phase motors 3 hp at 240 V AC 50...60 kHz for 3 phases motors 3 hp at 240 V AC 50...60 kHz for 1 phase motors 7.5 hp at 240 V AC 50...60 kHz for 3 phases motors 5 hp at 250 V DC
Wire Size	AWG 12...AWG 6 aluminum AWG 14...AWG 6 copper
Tightening Torque	45 lbf.in (5.08 N.m) 0.02 in² (13.3 mm²) AWG 6) 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)
Height	14.88 in (377.95 mm)
Width	7.55 in (191.77 mm)
Depth	4.86 in (123.44 mm)

Environment

Certifications	CSA
Enclosure Rating	NEMA 3R galvannealed steel

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.20 in (13.208 cm)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Package 1 Width	7.60 in (19.304 cm)
Package 1 Length	16.20 in (41.148 cm)
Package 1 Weight	8.46 lb(US) (3.837 kg)

Sustainability

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
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations