Product data sheet

Specifications

Safety switch, heavy duty, fusible, 800A, 3 wire, 2 pole, 1 neutral, 50hp, 240VAC, 250VDC, NEMA 1, CSA

CH227N

Product availability: Non-Stock - Not normally stocked in distribution facility

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	800 A
Device Application	Heavy application
Factory Installed Neutral	Neutral (factory installed)
Mounting Type	Surface
Voltage Rating	240 V AC 250 V DC
Standard Motor Power Rating	50 hp at 240 V AC 50/60 Hz for 1 phase motors 50 hp at 250 V DC
Max Motor Power Rating	50 hp at 240 V AC 50/60 Hz for 1 phase motors
Wire Size	AWG 3/0...750 kcmil copper or aluminium
Tightening torque	375 lbf.in (42.4 N.m) 0.13…0.6 in² (85.01…380.0 mm²) (AWG 3/0...750 kcmil)
Service Entrance	Suitable service entrance for Canada
Height	69.13 in (1755.90 mm)
Width	36.62 in (930.15 mm)
Depth	17.75 in (450.85 mm)

Environment

Certifications	cUL
Enclosure Rating	NEMA 1 steel

Ordering and shipping details

Category	US10NET11300
Discount Schedule	0NET
GTIN	3606486833742
Returnability	No

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

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

Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	73.8 in (187.5 cm)
Package 1 Width	30.0 in (76.2 cm)
Package 1 Length	38.0 in (96.5 cm)
Package weight(Lbs)	353.00005 lb(US) (160.118 kg)

Contractual warranty

Warranty (in months)	18

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

Total lifecycle Carbon footprint	**731 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**1 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.2 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**729 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.3 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
SCIP Number	**3ccc1618-a689-404e-9255-a0e6b213d760**
EU RoHS Directive	**Compliant**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**93**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**