Product data sheet

Specifications



Safety switch, general duty, fusible, 2 pole, 3 wire, 240VAC, 100A, Type 1, with neutral

D223N

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Single Throw Safety Switch
Duty Rating	General duty
Device Application	Residential
Disconnect Type	Fusible disconnect switch
Factory Installed Neutral	Neutral (factory installed)
Number of Poles	2
Current Rating	100 A
Voltage Rating	240 V AC
Enclosure Rating NEMA	NEMA 1
Motor power hp	7.5 hp at 240 V AC 60 Hz for 1 phase motors 15 hp at 240 V AC 60 Hz for 3 phase motors 15 hp at 240 V AC 60 Hz for 1 phase motors 30 hp at 240 V AC 60 Hz for 3 phase motors

Complementary

Short Circuit Current Rating	100 kA maximum depending on fuse H, K or R
Fuse type	H, K or R
Mounting Type	Surface
Electrical Connection	Lugs
Wiring configuration	3-wire
Wire Size	14 AWG...1 AWG copper 12 AWG...1 AWG aluminium
Tightening torque	35 lbf.in (4.0 N.m) 0.003…0.008 in² (2.08…5.26 mm²) (14 AWG...10 AWG) 35 lbf.in (4.0 N.m) (14 AWG...10 AWG) 40 lbf.in (4.5 N.m) 0.01 in² (8.37 mm²) (8 AWG) 45 lbf.in (5.08 N.m) 0.02…0.03 in² (12.3…21.12 mm²) (6 AWG...4 AWG) 50 lbf.in (5.6 N.m) (3 AWG...1 AWG)
Depth	6.5 in (165.1 mm)
Width	10.56 in (268.22 mm)
Height	17.5 in (444.5 mm)
Net Weight	15.4 lb(US) (7 kg)

Environment

Certifications	UL listed file E2875

Ordering and shipping details

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

Category	US1DE1A00006
Discount Schedule	DE1A
GTIN	785901460688
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	7.400 in (18.796 cm)
Package 1 Width	10.700 in (27.178 cm)
Package 1 Length	20.100 in (51.054 cm)
Package weight(Lbs)	14.859 lb(US) (6.740 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	40
Package 2 Height	40.000 in (101.600 cm)
Package 2 Width	40.000 in (101.600 cm)
Package 2 Length	48.000 in (121.920 cm)
Package 2 Weight	596.0004 lb(US) (270.341 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	**75 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**37 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**2 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.7 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**20 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**16 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	**Fcbb2f4b-148e-498d-b15c-530db69350d4**
EU RoHS Directive	**Compliant**
REACh Regulation	**Free of Substances of Very High Concern above the threshold**
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**
PVC free	**Yes**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**89**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**