

Product data sheet

Specifications

SQUARE D



Safety switch, heavy duty, fusible, 400A, 4 pole, 125hp, 240VAC/ 250VDC, NEMA 1

H425

Product availability: Non-Stock - Not 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	None
Number of Poles	4
Current Rating	400 A
Voltage Rating	250 V DC 240 V AC
Enclosure Rating	NEMA 1 steel
Standard Motor Power Rating	50 hp at 240 V AC 50-60 Hz for 3 phase motors 125 hp at 240 V AC 50-60 Hz for 3 phase motors 50 hp at 250 V DC

Complementary

Short-circuit current	10 kA for H or K 200 kA for R or J
Fuse type	H or K R or J
Mounting Type	Surface
Electrical Connection	Lugs
Wiring configuration	4-wire
Wire Size	1/0 AWG...750 kcmil copper or aluminium
Tightening torque	550 lbf.in (62.1 N.m) (1/0 AWG...750 kcmil)
Depth	9.87 in (250.70 mm)
Width	33.6 in (853.4 mm)
Height	50.25 in (1276.35 mm)
Product Weight	2051.8 lb(US) (930.7 kg)

Environment

Certifications	UL listed file E154828
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Ordering and shipping details

Category	US10DE100053
Discount Schedule	0DE1

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

GTIN	785901452195
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	50.2 in (127.6 cm)
Package 1 Width	33.6 in (85.3 cm)
Package 1 Length	9.9 in (25.1 cm)
Package weight(Lbs)	205.5 lb(US) (93.2 kg)

Contractual warranty

Warranty (in months)	18
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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

Total lifecycle Carbon footprint	1 668 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	476 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	236 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.2 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]	226 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	D0bd462c-e622-40b4-9939-dbd8b5850181
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains 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
Halogen content performance	Halogen free plastic parts product
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	90
Circularity Profile	No need of specific recycling operations
Take-back	No