

Product data sheet

Specifications

SQUARE D



Safety switch, heavy duty, non fusible, 100A, 4 pole, 75HP, 600V AC/DC, NEMA1

HU463

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	Non-fusible disconnect
Factory Installed Neutral	None
Number of Poles	4
Current Rating	100 A
Voltage Rating	600 V AC/DC
Enclosure Rating	NEMA 1 steel
Motor power hp	30 hp at 240 V AC 50-60 Hz for 2 phases motors 40 hp at 240 V AC 50-60 Hz for 3 phase motors 50 hp at 480 V AC 50-60 Hz for 2 phases motors 75 hp at 480 V AC 50-60 Hz for 3 phase motors 50 hp at 600 V AC 50-60 Hz for 2 phases motors 75 hp at 600 V AC 50-60 Hz for 3 phase motors 20 hp at 250 V DC 30 hp at 600 V DC

Complementary

Mounting Type	Surface
Electrical Connection	Lugs
Wiring configuration	4-wire
Wire Size	AWG 12...AWG 1/0 aluminium AWG 14...AWG 1/0 copper
Tightening torque	50 lbf.in (5.6 N.m) (AWG 1...AWG 3/0) 45 lbf.in (5.08 N.m) (AWG 6...AWG 4) 40 lbf.in (4.5 N.m) 0.013 in ² (8.367 mm ²) (AWG 8) 35 lbf.in (4.0 N.m) 0.003...0.008 in ² (2.06...5.261 mm ²) (AWG 14...AWG 10)
Depth	6.85 in (173.99 mm)
Width	16.13 in (409.70 mm)
Height	20.5 in (520.7 mm)
Net Weight	28.7 lb(US) (13 kg)

Environment

Certifications	UL listed file E2875
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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.

Category	US10DE100008
Discount Schedule	0DE1
GTIN	785901505938
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	7.10 in (18.034 cm)
Package 1 Width	16.80 in (42.672 cm)
Package 1 Length	25.70 in (65.278 cm)
Package weight(Lbs)	28.909 lb(US) (13.113 kg)

Contractual warranty

Warranty	18 months
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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	
Carbon footprint (kg CO2 eq, Total Life cycle)	147
Environmental Disclosure	Product Environmental Profile

Use Better

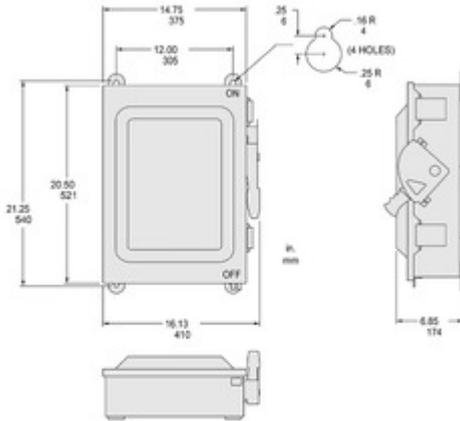
 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, 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 Again

 Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No

Technical Illustration

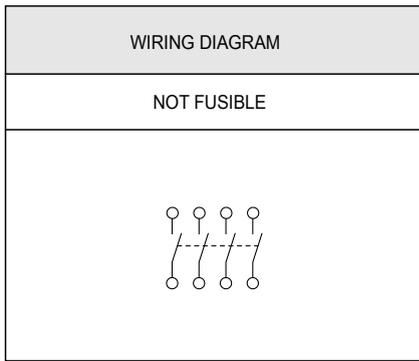
Dimensions



WHEN MOUNTING THESE SWITCHES, ALLOW 3.75(95) MIN CLEARANCE BETWEEN ENCLOSURES FOR OPENING OF SIDE HINGED DOOR.
ALL DIMENSIONS ARE APPROXIMATE.
REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.

Technical Illustration

Wiring diagram



HU461
HU462
HU463