

# Product data sheet

Specifications

SQUARE D



Safety switch, heavy duty, non fusible, 100A, 6 pole, 75hp, 600VAC/DC, NEMA 4, 4X, 5, 304 steel

HU663DS

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	6
Current Rating	100 A
Voltage Rating	600 V AC
Enclosure Rating	NEMA 4/4X/5 stainless steel 304
Motor power hp	50 hp at 240 V AC 50-60 Hz for 3 phase motors 75 hp at 480 V AC 50-60 Hz for 3 phase motors 75 hp at 600 V AC 50-60 Hz for 3 phase motors

## Complementary

Mounting Type	Surface
Electrical Connection	Lugs
Wiring configuration	6-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 <sup>2</sup> (8.367 mm <sup>2</sup> ) (AWG 8) 35 lbf.in (4.0 N.m) 0.003...0.008 in <sup>2</sup> (2.06...5.261 mm <sup>2</sup> ) (AWG 14...AWG 10)
Depth	6.97 in (177.04 mm)
Width	16.85 in (427.99 mm)
Height	20.82 in (528.83 mm)
Net Weight	32.01 lb(US) (14.52 kg)

## Environment

Certifications	UL listed file E2875
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## Ordering and shipping details

Category	US10DE100115
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.

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<b>GTIN</b>	785901078074
<b>Returnability</b>	No
<b>Country of origin</b>	US

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## Packing Units

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<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	25.00 in (63.5 cm)
<b>Package 1 Width</b>	7.13 in (18.11 cm)
<b>Package 1 Length</b>	16.50 in (41.91 cm)
<b>Package weight(Lbs)</b>	10.0002 lb(US) (4.536 kg)

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## Contractual warranty

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<b>Warranty</b>	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) **98**

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](http://www.P65Warnings.ca.gov)**

PVC free **Yes**

## Use Again

### Repack and remanufacture

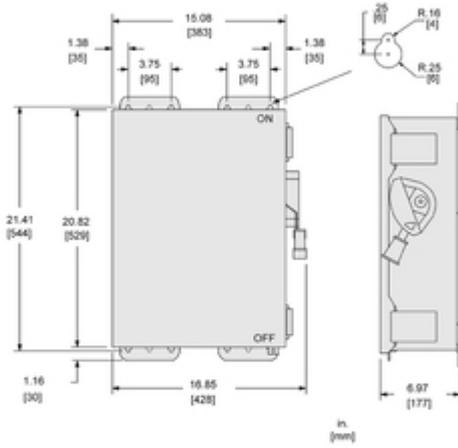
Circularity Profile **No need of specific recycling operations**

Take-back **No**

Technical Illustration

Dimensions

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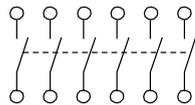
ALL DIMENSIONS ARE APPROXIMATE.  
ALSO SEE TECHNICAL DRAWINGS AND DOCUMENTATION.

Technical Illustration

Wiring diagram

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NOT FUSIBLE



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