

# Product data sheet

Specifications

SQUARE D



Safety switch, double throw, non fusible, 4 pole, 4 wire, 600VAC, 600VDC, 100A, Type 4/4X/5, 304 stainless steel

DTU463DS

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

## Main

Product	Double Throw Safety Switch
Duty Rating	Heavy duty
Disconnect Type	Non-fusible disconnect switch
Factory Installed Neutral	None
Number of Poles	4
Current Rating	100 A
Voltage Rating	600 V AC 600 V DC
Enclosure Rating	NEMA 4/4X/5 stainless steel 304
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 100 hp at 600 V AC 50-60 Hz for 3 phase motors 20 hp at 250 V DC 50 hp at 600 V DC

## Complementary

Short-circuit current	10 kA H or K 200 kA R, J or T
Fuse type	H or K R, J or T
Mounting Type	Surface
Wire Size	AWG 12...AWG 1/0 aluminium AWG 14...AWG 1/0 copper
Tightening torque	35 lbf.in (4.0 N.m) 0.003...0.008 in <sup>2</sup> (2.06...5.26 mm <sup>2</sup> ) (AWG 14...AWG 1/0) 40 lbf.in (4.5 N.m) 0.01 in <sup>2</sup> (8.37 mm <sup>2</sup> ) (AWG 8) 45 lbf.in (5.08 N.m) 0.02...0.08 in <sup>2</sup> (13.30...53.48 mm <sup>2</sup> ) (AWG 8) 50 lbf.in (5.6 N.m) 0.04...0.08 in <sup>2</sup> (26.67...53.48 mm <sup>2</sup> ) (AWG 6...AWG 4)
Depth	7.12 in (180.85 mm)
Width	16.75 in (425.45 mm)
Height	30.26 in (768.60 mm)
Net Weight	57.01 lb(US) (25.86 kg)

## Environment

Certifications	UL Listed
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

## Ordering and shipping details

Category	US10DE100066
Discount Schedule	0DE1
GTIN	785901308355
Returnability	No
Country of origin	US

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	32.00 in (81.28 cm)
Package 1 Width	10.00 in (25.4 cm)
Package 1 Length	17.37 in (44.132 cm)
Package weight(Lbs)	57.0006 lb(US) (25.855 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) **431**

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**

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)**

### Use Again

#### Repack and remanufacture

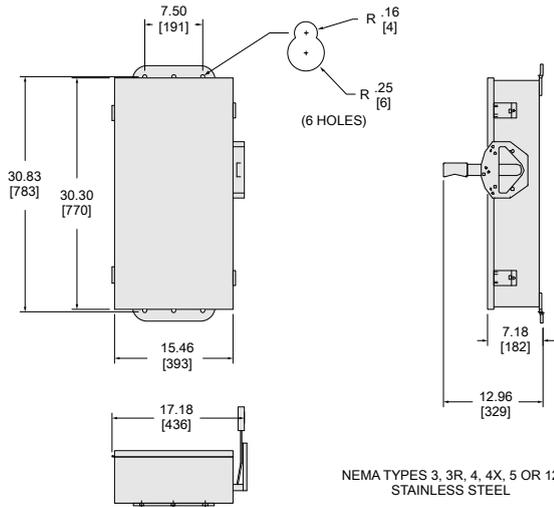
Circularity Profile **No need of specific recycling operations**

Take-back **No**

Technical Illustration

Dimensions

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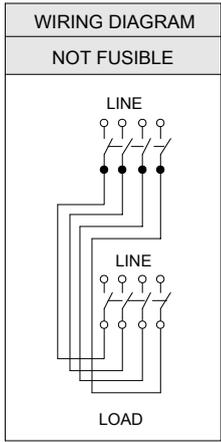
NEMA TYPES 3, 3R, 4, 4X, 5 OR 12  
STAINLESS STEEL

ALL DIMENSIONS ARE APPROXIMATE.  
REFER TO CAD, TECHNICAL DRAWINGS, AND  
DOCUMENTATION FOR COMPLETE INFORMATION.

Technical Illustration

Wiring diagram

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TERMINAL LUGS			
AMPERES	MAX WIRE	MIN WIRE	TYPE
60	#3 AWG	#12 AWG	AL
60	#3 AWG	#14 AWG	CU
100	#1/0 AWG	#12 AWG	AL
100	#1/0 AWG	#14 AWG	CU

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REFER TO TECHNICAL DOCUMENTATION FOR COMPLETE INFORMATION.