

# Product data sheet

Specifications

SQUARE D



**Safety switch, heavy duty, non fusible, 100A, 6 pole, 75hp, 600VAC/DC, NEMA 12**

HU663AWK

**Product availability:** Stock - 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 3R/12 galvannealed steel
Standard Motor Power Rating	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	6.8 in (172.7 mm)
Width	16.13 in (409.70 mm)
Height	20.5 in (520.7 mm)
Net Weight	30.9 lb(US) (14 kg)

## Environment

Certifications	UL listed file E2875
----------------	----------------------

## Ordering and shipping details

Category	US10DE100116
Discount Schedule	ODE1
GTIN	785901868378

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

---

Returnability	Yes
Country of origin	US

---

## Packing Units

---

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	25.900 in (65.786 cm)
Package 1 Width	7.100 in (18.034 cm)
Package 1 Length	16.900 in (42.926 cm)
Package weight(Lbs)	30.975 lb(US) (14.050 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	20
Package 2 Height	40.000 in (101.600 cm)
Package 2 Width	36.000 in (91.440 cm)
Package 2 Length	48.000 in (121.920 cm)
Package 2 Weight	630.00009 lb(US) (285.763 kg)

---

## Contractual warranty

---

Warranty	18 months
----------	-----------



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)	177
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better

### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
REACH Regulation	<a href="#">REACH Declaration</a>
California proposition 65	<b>WARNING:</b> 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 <a href="#">www.P65Warnings.ca.gov</a>
PVC free	Yes

## Use Again

### Repack and remanufacture

Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.