

Product data sheet

Specifications

SQUARE D



Discontinued

Safety switch, heavy duty, non fusible, 30A, 4 pole, 30hp, 600VAC/DC, NEMA 12, viewing window

HU461AWK/VW

Discontinued on: Mar 6, 2023

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	30 A
Voltage Rating	600 V AC/DC
Enclosure Rating	NEMA 3R/12
Standard Motor Power Rating	10 hp at 240 V AC 50-60 Hz for 2 phases motors 10 hp at 240 V AC 50-60 Hz for 3 phase motors 20 hp at 480 V AC 50-60 Hz for 2 phases motors 20 hp at 480 V AC 50-60 Hz for 3 phase motors 25 hp at 600 V AC 50-60 Hz for 2 phases motors 30 hp at 600 V AC 50-60 Hz for 3 phase motors 10 hp at 250 V DC 15 hp at 600 V DC

Complementary

Mounting Type	Surface
Wiring configuration	4-wire
Wire Size	AWG 12...AWG 6 aluminium AWG 14...AWG 6 copper
Tightening torque	45 lbf.in (5.08 N.m) 0.02 in ² (13.3 mm ²) (AWG 6) 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	6.8 in (172.7 mm)
Width	16.13 in (409.70 mm)
Height	20.5 in (520.7 mm)

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.

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

Category	US10DE100117
Discount Schedule	0DE1
GTIN	785901291350
Returnability	Yes

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	25.0 in (63.5 cm)
Package 1 Width	7.13 in (18.11 cm)
Package 1 Length	16.50 in (41.91 cm)
Package weight(Lbs)	10.0002 lb(US) (4.536 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	41 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	25 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.5 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	4 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	10 kg CO2 eq.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
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 Longer



Lifetime extension

Repair	No
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Use Again

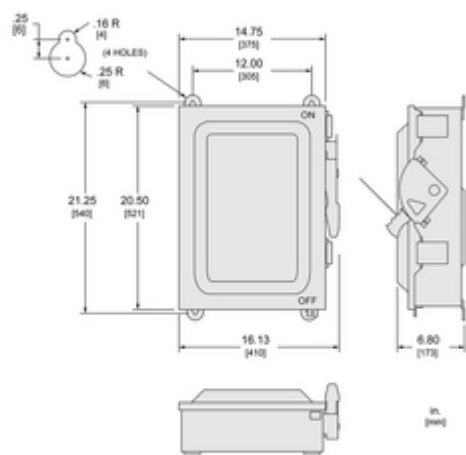


Repack and remanufacture

Recyclability potential, in %	89
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Technical Illustration

Dimensions



WHEN MOUNTING THESE SWITCHES, ALLOW 3.75(95) MM 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

WIRING DIAGRAMS			
FUSIBLE		NOT FUSIBLE	
			
HU461AWK HU462AWK HU463AWK		HU461AWKVW HU461AWKEI HU461AWK HU462AWK HU463AWK	

TERMINAL LUG DATA			
AMPERES	MAX WIRE	MIN WIRE	TYPE
30	# 4 AWG	# 14 AWG	CU/AL
60	# 4 AWG	# 14 AWG	CU/AL
100	# 1 AWG	# 14 AWG	CU/AL