

Product data sheet

Specifications

SQUARE D



Safety switch, heavy duty, non fusible, 30A, 4 pole, 30HP, 600V AC/DC, NEMA 12

HU461AWK

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	4
Current Rating	30 A
Voltage Rating	600 V AC/DC
Enclosure Rating	NEMA 3R/12 galvannealed steel
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
Electrical Connection	Lugs
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)
Net Weight	26.5 lb(US) (12 kg)

Environment

Certifications	UL listed file E2875
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Ordering and shipping details

Category	US10DE100116
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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.

Discount Schedule	ODE1
GTIN	785901507819
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	7.400 in (18.796 cm)
Package 1 Width	16.800 in (42.672 cm)
Package 1 Length	26.100 in (66.294 cm)
Package weight(Lbs)	29.000 lb(US) (13.154 kg)

Contractual warranty

Warranty	18 months
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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)	112
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

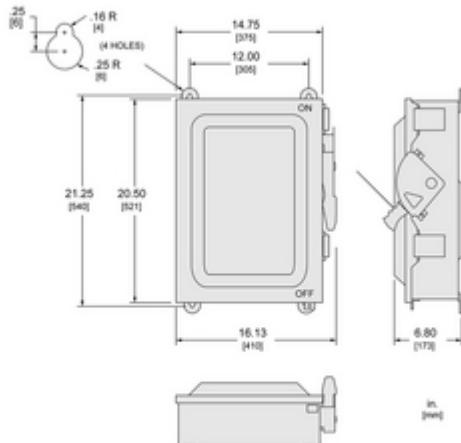
Use Again

Repack and remanufacture

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

Technical Illustration

Dimensions



WHEN MOUNTING THESE SWITCHES, ALLOW 3.750[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
	
H461AWK	HU461AWKVV
H462AWK	HU461AWKE
H463AWK	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