

Product data sheet

Specifications

SQUARE D

Green Premium™



Safety switch, heavy duty, non fusible, 100A, 4 poles, 75 hp, 600 VAC/DC, NEMA 12

HU463AWK

Product availability : Stock - Normally stocked in distribution facility

Price* : 1,791.00 USD

Main

Product	Single Throw Safety Switch
Duty Rating	Heavy duty
Device Application	Heavy application
Disconnect Type	Non-fusible disconnect
Factory Installed Neutral	None
Phase	3 phase
Number of Poles	4
Current Rating	100 A
Voltage Rating	600 V AC/DC
Enclosure Rating	NEMA 3R/12 galvanized steel
Maximum Horse Power Rating	30 hp 240 V at AC 50-60 Hz for 2 phases conforming to NEC 430.52 40 hp 240 V at AC 50-60 Hz for 3 phase conforming to NEC 430.52 50 hp 480 V at AC 50-60 Hz for 2 phases conforming to NEC 430.52 75 hp 480 V at AC 50-60 Hz for 3 phase conforming to NEC 430.52 50 hp 600 V at AC 50-60 Hz for 2 phases conforming to NEC 430.52 75 hp 600 V at AC 50-60 Hz for 3 phase conforming to NEC 430.52 20 hp 250 V at DC 30 hp 600 V at DC

Complementary

Mounting Type	Surface
Electrical Connection	Lugs
Wiring configuration	4-wire
Wire Size	AWG 12...AWG 1/0 aluminium AWG 14...AWG 1/0 copper
Tightening torque	50 lbf.in (5.65 N.m) (AWG 1...AWG 3/0) 45 lbf.in (5.08 N.m) (AWG 6...AWG 4) 40 lbf.in (4.52 N.m) 0.01 in² (8.367 mm²) (AWG 8) 35 lbf.in (3.95 N.m) 0.00...0.01 in² (2.06...5.261 mm²) (AWG 14...AWG 10)
Depth	6.8 in (172.72 mm)
Width	16.13 in (409.70 mm)
Height	20.5 in (520.70 mm)
Net Weight	28.66 lb(US) (13 kg)

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

Environment

Certifications	UL listed file E2875
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Ordering and shipping details

Category	00116-H&HU SW,4&6P,N12,30-200A
Discount Schedule	DE1
GTIN	785901505907
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.10 in (18.034 cm)
Package 1 Width	16.80 in (42.672 cm)
Package 1 Length	25.70 in (65.278 cm)
Package 1 Weight	38.00 lb(US) (17.237 kg)

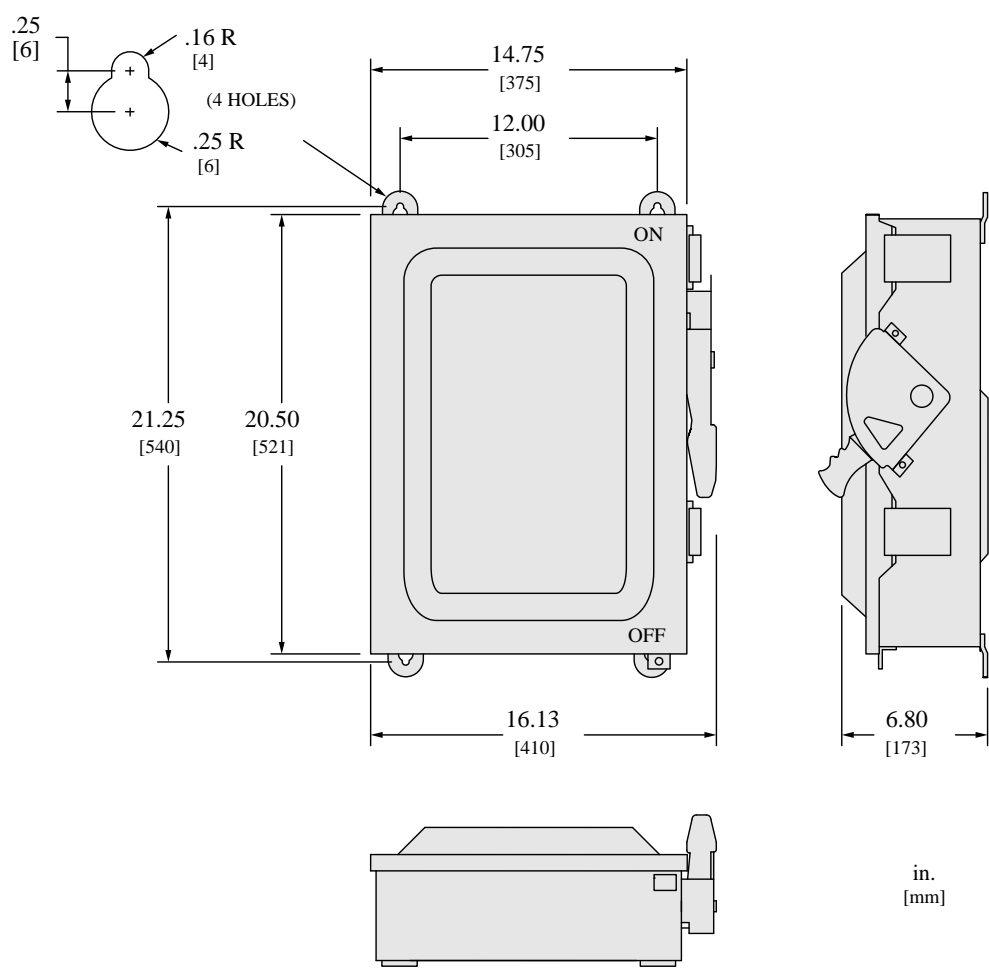
Offer Sustainability

Sustainable offer status	Green Premium product
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
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
PVC free	Yes

Contractual warranty

Warranty	18 months
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Dimensions

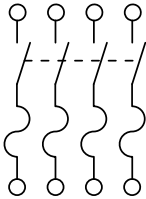
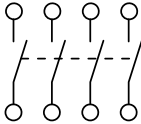


WHEN MOUNTING THESE SWITCHES, ALLOW 3.75/[95] MIN CLEARANCE BETWEEN ENCLOSURES FOR OPENING OF SIDE HINGED DOOR.

ALL DIMENSIONS ARE APPROXIMATE.

REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.

Wiring Diagram

WIRING DIAGRAMS	
FUSIBLE	NOT FUSIBLE
	
H461 AWK H462 AWK H463 AWK	HU461 AWKVW HU461 AWKEI HU461 AWK HU462 AWK HU463 AWK

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

Recommended replacement(s)