Product data sheet

Specifications



Safety switch, heavy duty, fusible, 1200A, 3 wire, 3 pole, 500hp, 600VAC/DC, NEMA 3R

H368R

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Single Throw Safety Switch
Duty Rating	Heavy duty
Device Application	Heavy application
Disconnect Type	Fusible disconnect
Factory Installed Neutral	None
Number of Poles	3
Current Rating	1200 A
Voltage Rating	600 V AC/DC
Enclosure Rating	NEMA 3R galvannealed steel
Standard Motor Power Rating	200 hp at 480 V AC 50-60 Hz for 3 phase motors 500 hp at 480 V AC 50-60 Hz for 3 phase motors 250 hp at 600 V AC 50-60 Hz for 3 phase motors 500 hp at 600 V AC 50-60 Hz for 3 phase motors 50 hp at 600 V DC

Complementary

Short-circuit current	200 kA maximum for L
Fuse type	L
Mounting Type	Surface
Electrical Connection	Lugs
Wiring configuration	4-wire (3PH + N)
Wire Size	AWG 3/0...750 kcmil copper or aluminium
Tightening torque	375 lbf.in (42.4 N.m) 0.13…0.6 in² (85.01…380 mm²) (AWG 3/0...750 kcmil)
Depth	17.75 in (450.85 mm)
Width	36.62 in (930.15 mm)
Height	69.13 in (1755.90 mm)
Product Weight	373.02 lb(US) (169.2 kg)

Environment

Certifications	UL listed file E2875

Ordering and shipping details

Category	US10DE100054
Discount Schedule	0DE1

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

GTIN	785901259329
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	73.800 in (187.452 cm)
Package 1 Width	30.000 in (76.200 cm)
Package 1 Length	38.000 in (96.520 cm)
Package weight(Lbs)	373.0004 lb(US) (169.190 kg)

Contractual warranty

Warranty (in months)	18

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	**2 467 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**4 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.8 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.1 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**2 462 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**1 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
SCIP Number	**3ccc1618-a689-404e-9255-a0e6b213d760**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
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**
Halogen content performance	**Halogen free plastic parts product**
PVC free	**Yes**

Use Longer

Lifetime extension

Repair	**No**

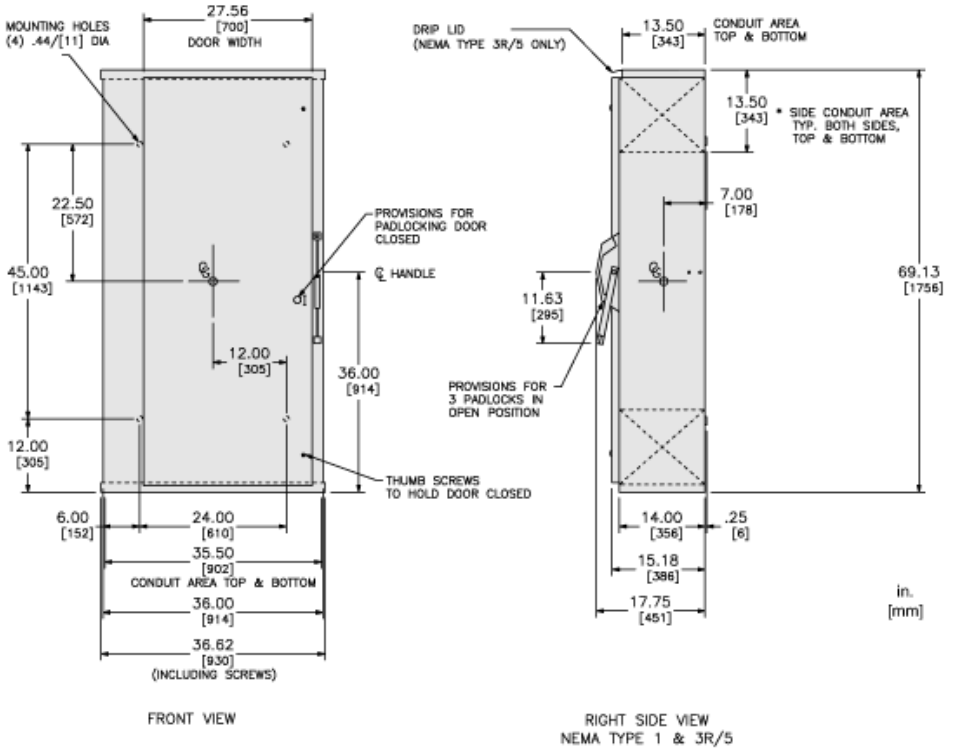
Use Again

Repack and remanufacture

Recyclability potential, in %	**93**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**

Dimensions Drawings

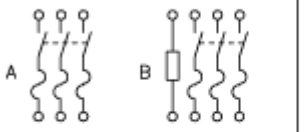
Approximate Dimensions



CATALOG NUMBER	VOLTAGE RATINGS	WIRING DIAG.	3 PHASE HORSEPOWER RATINGS						DC HORSEPOWER RATINGS			
			240VAC		480VAC		600VAC		250VDC		600VDC	
			STD	MAX.	STD	MAX.	STD	MAX.	STD	MAX.	STD	MAX.
H32B	240VAC;250VDC	A	100	250	–	–	–	–	50	50	–	–
H32BR	240VAC;250VDC	A	100	250	–	–	–	–	50	50	–	–
H32BN	240VAC;250VDC	B	100	250	–	–	–	–	50	50	–	–
H32BNR	240VAC;250VDC	B	100	250	–	–	–	–	50	50	–	–
H36B	600VAC;600VDC	A	100	250	200	500	250	500	–	–	50	50
H36BR	600VAC;600VDC	A	100	250	200	500	250	500	–	–	50	50
H36BN	600VAC;600VDC	B	100	250	200	500	250	500	–	–	50	50
H36BNR	600VAC;600VDC	B	100	250	200	500	250	500	–	–	50	50
HU36B	600VAC;600VDC	C	100	100	–	500	–	500	–	–	50	50
HU36BR	600VAC;600VDC	C	100	100	–	500	–	500	–	–	50	50

Connections and Schema

Wiring Diagrams

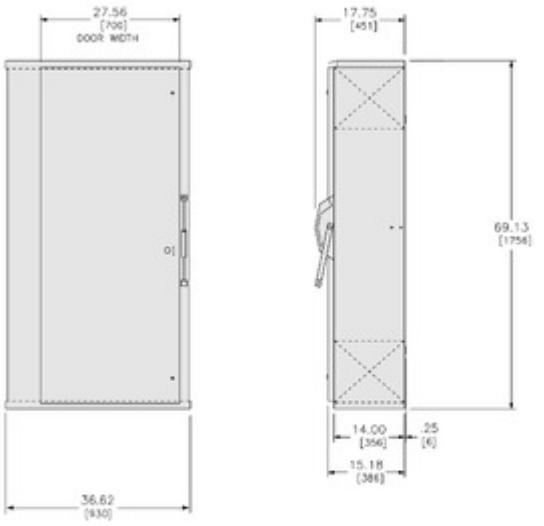
WIRING DIAGRAMS	
FUSIBLE	NOT FUSIBLE
	

TERMINAL LUGS			
AMPERES	MAX. WIRE	MIN. WIRE	TYPE
1200	(4)750 KCMIL	(4)#3/0 AWG	75°C AL OR CU

FUSE PROVISIONS			
AMPERES	TYPE	AMPERES	TYPE
1200	CLASS "L"	800	CLASS "L"

Technical Illustration

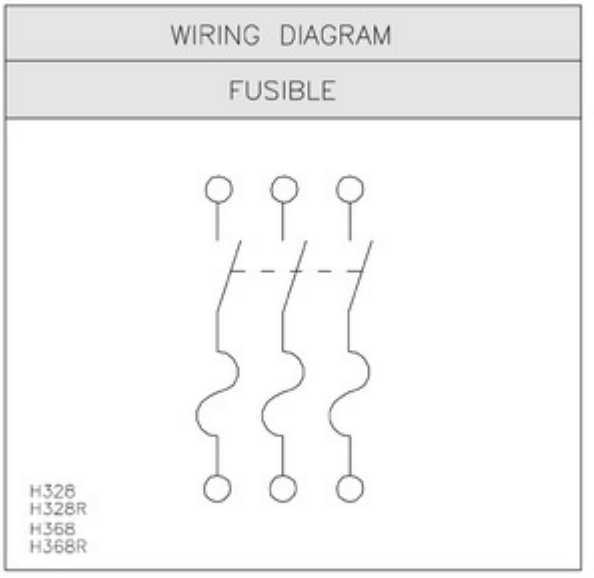
Dimensions



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

Technical Illustration

Wiring diagram



REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.