

# Product data sheet

Specifications

SQUARE D



Safety switch, heavy duty, fusible, 1200A, 3 pole, 500hp, 600VAC/DC, neutral factory installed, NEMA1

H368N

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 | Neutral (factory installed)   |
| Number of Poles           | 3   |
| Current Rating            | 1200 A  |
| Voltage Rating            | 600 V AC/DC   |
| Enclosure Rating          | NEMA 1 steel  |
| Motor power hp            | 200 hp at 480 V AC 50-60 Hz for 3 phase motors<br>500 hp at 480 V AC 50-60 Hz for 3 phase motors<br>250 hp at 600 V AC 50-60 Hz for 3 phase motors<br>500 hp at 600 V AC 50-60 Hz for 3 phase motors<br>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 in <sup>2</sup> (85.01...380 mm <sup>2</sup> ) (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)   |
| Net Weight            | 371.9 lb(US) (168.7 kg)   |

## Environment

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

## Ordering and shipping details

|          |              |
|----------|--------------|
| Category | US10DE100053 |
|----------|--------------|

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

|                          |              |
|--------------------------|--------------|
| <b>Discount Schedule</b> | 0DE1         |
| <b>GTIN</b>              | 785901442462 |
| <b>Returnability</b>     | Yes          |
| <b>Country of origin</b> | MX           |

## Packing Units

|                               |                             |
|-------------------------------|-----------------------------|
| <b>Unit Type of Package 1</b> | PCE                         |
| <b>Nbr. of units in pkg.</b>  | 1                           |
| <b>Package 1 Height</b>       | 73.50 in (186.690 cm)       |
| <b>Package 1 Width</b>        | 29.90 in (75.946 cm)        |
| <b>Package 1 Length</b>       | 38.00 in (96.520 cm)        |
| <b>Package weight(Lbs)</b>    | 361.999 lb(US) (164.200 kg) |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 18 months |
|-----------------|-----------|



## 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

Carbon footprint (kg CO2 eq, Total Life cycle) **2467**

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **No**

[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](http://www.P65Warnings.ca.gov)**

Halogen content performance **Halogen free plastic parts product**

PVC free **Yes**

## Use Again

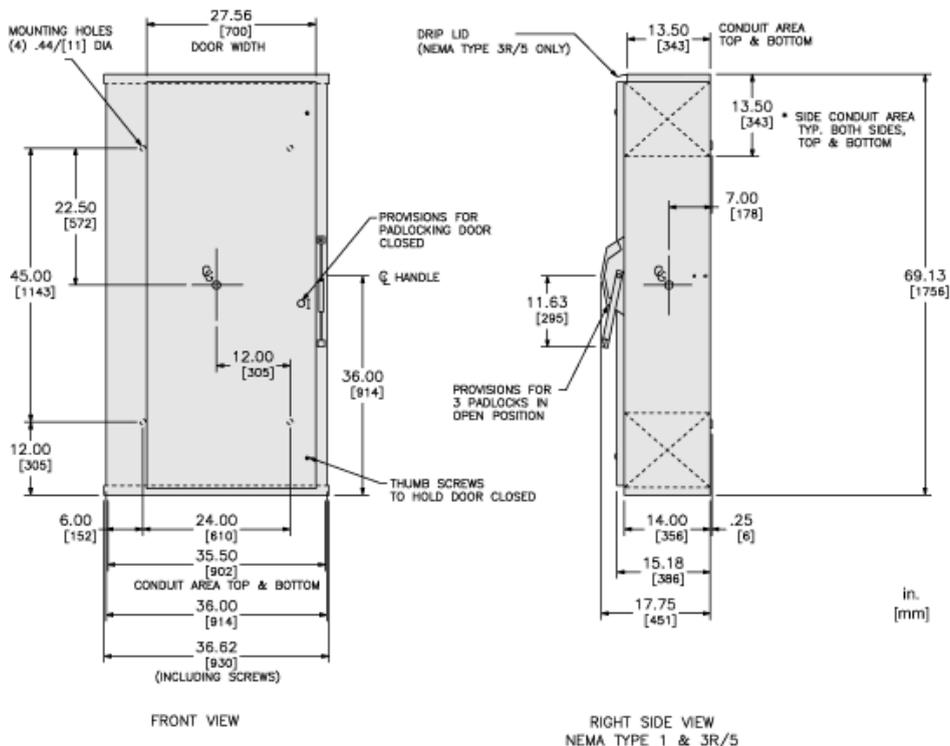
### Repack and remanufacture

Circularity Profile **No need of specific recycling operations**

Take-back **No**

Dimensions Drawings

Approximate Dimensions

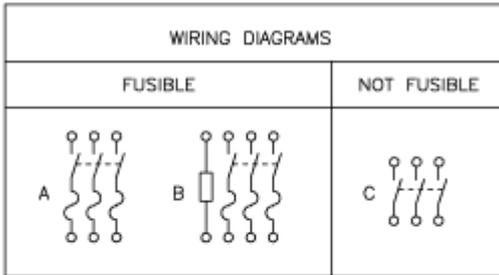


| CATALOG NUMBER | VOLTAGE RATINGS | WIRING DIAG. | 3 PHASE HORSEPOWER RATINGS |      |        |      |        |      | DC HORSEPOWER RATINGS |      |        |      |
|----------------|-----------------|--------------|----------------------------|------|--------|------|--------|------|-----------------------|------|--------|------|
|                |                 |              | 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

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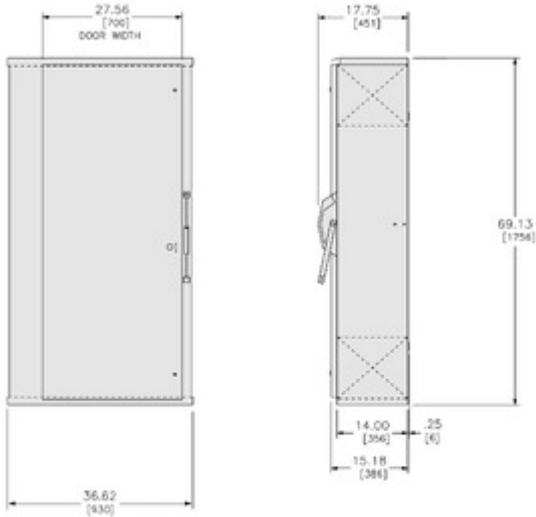
| TERMINAL LUGS |              |             |               |
|---------------|--------------|-------------|---------------|
| AMPERES       | MAX. WIRE    | MIN. WIRE   | TYPE          |
| 1200          | (4)750 KCMIL | (4)#3/0 AWG | 75°C AL OR CU |

| FUUSE PROVISIONS |           |         |           |
|------------------|-----------|---------|-----------|
| AMPERES          | TYPE      | AMPERES | TYPE      |
| 1200             | CLASS "L" | 800     | CLASS "L" |

Technical Illustration

Dimensions

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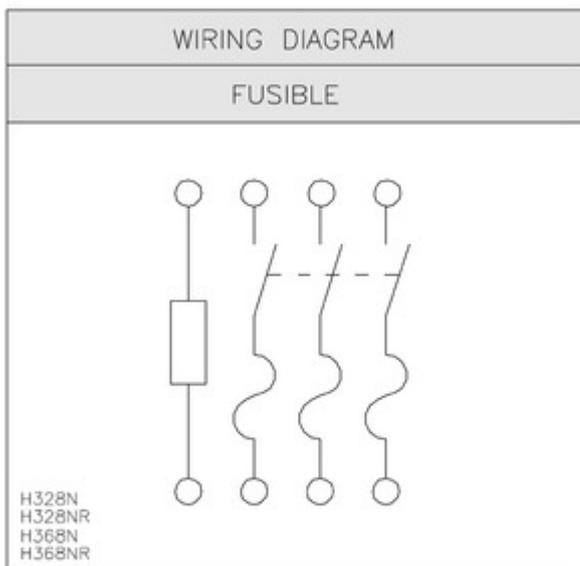
in.  
[mm]

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

Technical Illustration

Wiring diagram

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REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.