

# Product data sheet

Specifications



Safety switch, heavy duty, fusible, 600A, 3 pole, 500HP, 600V AC/DC, NEMA 4, 4X, 5, 304 steel, neutral

H366NDS

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             | Fusible disconnect                                                                                                                                                                                                                             |
| Factory Installed Neutral   | Neutral (factory installed)                                                                                                                                                                                                                    |
| Number of Poles             | 3                                                                                                                                                                                                                                              |
| Current Rating              | 600 A                                                                                                                                                                                                                                          |
| Voltage Rating              | 600 V AC/DC                                                                                                                                                                                                                                    |
| Enclosure Rating            | NEMA 4X/5 stainless steel 304                                                                                                                                                                                                                  |
| Standard Motor Power Rating | 150 hp at 480 V AC 50-60 Hz for 3 phase motors<br>400 hp at 480 V AC 50-60 Hz for 3 phase motors<br>200 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 250 V DC<br>50 hp at 600 V DC |

## Complementary

|                       |                                             |
|-----------------------|---------------------------------------------|
| Short-circuit current | 10 kA for H or K<br>200 kA for R or J       |
| Fuse type             | H or K<br>R or J                            |
| Mounting Type         | Surface                                     |
| Electrical Connection | Lugs                                        |
| Wiring configuration  | 4-wire (3PH + N)                            |
| Wire Size             | AWG 3/0...500 kcmil copper or aluminium     |
| Tightening torque     | 375 lbf.in (42.4 N.m) (AWG 3/0...500 kcmil) |
| Depth                 | 10.13 in (257.30 mm)                        |
| Width                 | 26.25 in (666.75 mm)                        |
| Height                | 46.25 in (1174.75 mm)                       |
| Product Weight        | 185.0 lb(US) (83.9 kg)                      |

## Environment

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

## 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          | US10DE100055 |
| Discount Schedule | 0DE1         |
| GTIN              | 785901259442 |
| Returnability     | Yes          |
| Country of origin | MX           |

## Packing Units

|                        |                            |
|------------------------|----------------------------|
| Unit Type of Package 1 | PCE                        |
| Nbr. of units in pkg.  | 1                          |
| Package 1 Height       | 18.209 in (46.251 cm)      |
| Package 1 Width        | 3.99 in (10.13 cm)         |
| Package 1 Length       | 10.335 in (26.251 cm)      |
| Package weight(Lbs)    | 185.001 lb(US) (83.915 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                       | 2 075 kg CO2 eq.                              |
| Carbon footprint of the manufacturing phase [A1 to A3] | 428 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 212 kg CO2 eq.                                |
| Carbon footprint of the installation phase [A5]        | 0.2 kg CO2 eq.                                |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 1 231 kg CO2 eq.                              |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 204 kg CO2 eq.                                |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                                                                                                                                                                                                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                                                                                                                                                                                                                         |
| Packaging without single use plastic   | No                                                                                                                                                                                                                                                                                          |
| SCIP Number                            | D0bd462c-e622-40b4-9939-dbd8b5850181                                                                                                                                                                                                                                                        |
| EU RoHS Directive                      | <a href="#">Compliant By Exemption</a>                                                                                                                                                                                                                                                      |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                      |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| Halogen content performance            | Halogen free plastic parts product                                                                                                                                                                                                                                                          |
| PVC free                               | Yes                                                                                                                                                                                                                                                                                         |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again

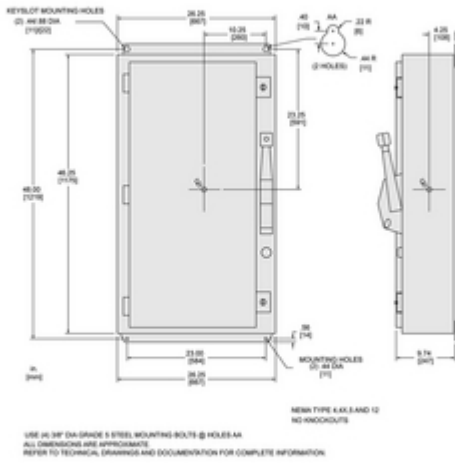


### Repack and remanufacture

|                               |                                          |
|-------------------------------|------------------------------------------|
| Recyclability potential, in % | 90                                       |
| Circularity Profile           | No need of specific recycling operations |
| Take-back                     | No                                       |

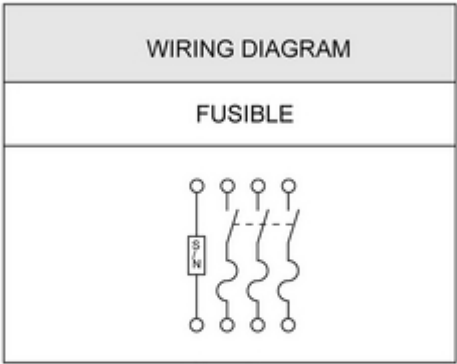
## Technical Illustration

## Dimensions



Technical Illustration

Wiring diagram



H326NAWK  
H366NAWK  
H326NDS  
H366NDS