

# H223NDS

Safety switch, heavy duty, fusible,  
100A, 3 wire, 2 poles, 1 neutral, 30hp,  
240VAC/250VDC, Type 4, 4X, 5, 304 SS



## Main

|                           |                                                                                                                                                                                                                        |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product                   | Single Throw Safety Switch                                                                                                                                                                                             |
| Duty Rating               | Heavy duty                                                                                                                                                                                                             |
| Device Application        | Heavy application                                                                                                                                                                                                      |
| Disconnect Type           | Fusible disconnect                                                                                                                                                                                                     |
| Factory Installed Neutral | Neutral (factory installed)                                                                                                                                                                                            |
| Phase                     | 3 phase                                                                                                                                                                                                                |
| Number of Poles           | 2                                                                                                                                                                                                                      |
| Current Rating            | 100 A                                                                                                                                                                                                                  |
| Voltage Rating            | 250 V DC<br>240 V AC                                                                                                                                                                                                   |
| Enclosure Rating          | NEMA 4/4X/5 stainless steel 304                                                                                                                                                                                        |
| Motor power hp            | 7.5 Hp at 240 V AC 50-60 Hz for 1 phase motors<br>15 Hp at 240 V AC 50-60 Hz for 3 phase motors<br>15 Hp at 240 V AC 50-60 Hz for 1 phase motors<br>30 Hp at 240 V AC 50-60 Hz for 3 phase motors<br>20 hp at 250 V DC |

## Complementary

|                              |                                                                                                                                                                                                                                                                    |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Short Circuit Current Rating | 10 KA H or K<br>200 kA R or J                                                                                                                                                                                                                                      |
| Fuse type                    | H or K<br>R or J                                                                                                                                                                                                                                                   |
| Mounting Type                | Surface                                                                                                                                                                                                                                                            |
| Electrical Connection        | Lugs                                                                                                                                                                                                                                                               |
| Wiring configuration         | 3-wire                                                                                                                                                                                                                                                             |
| Wire Size                    | AWG 12...AWG 1/0 aluminium<br>AWG 14...AWG 1/0 copper                                                                                                                                                                                                              |
| Tightening torque            | 50 Lbf.in (5.65 N.m) (AWG 1...AWG 3/0)<br>45 Lbf.in (5.08 N.m) (AWG 6...AWG 4)<br>40 Lbf.in (4.52 N.m) 0.01 in <sup>2</sup> (8.367 mm <sup>2</sup> ) (AWG 8)<br>35 lbf.in (3.95 N.m) 0.00...0.01 in <sup>2</sup> (2.06...5.261 mm <sup>2</sup> ) (AWG 14...AWG 10) |
| Depth                        | 6.97 in (177.04 mm)                                                                                                                                                                                                                                                |
| Width                        | 9.36 in (237.74 mm)                                                                                                                                                                                                                                                |
| Height                       | 20.82 in (528.83 mm)                                                                                                                                                                                                                                               |
| Net Weight                   | 23.99 lb(US) (10.88 kg)                                                                                                                                                                                                                                            |

## Environment

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

## Ordering and shipping details

|                   |                                  |
|-------------------|----------------------------------|
| Category          | 00010-H&HU SW,2&3P,N4,SS,30-200A |
| Discount Schedule | DE1                              |
| GTIN              | 785901516514                     |
| Returnability     | No                               |
| Country of origin | US                               |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Number of Units in Package 1 | 1                        |
| Package 1 Height             | 22.50 in (57.15 cm)      |
| Package 1 Width              | 7.00 in (17.78 cm)       |
| Package 1 Length             | 10.37 in (26.352 cm)     |
| Package 1 Weight             | 27.50 lb(US) (12.474 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| REACH free of SVHC         | Yes                                                                                                                                                                                                                                                                                         |
| EU RoHS Directive          | Compliant <a href="#">EU RoHS Declaration</a>                                                                                                                                                                                                                                               |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                                                                                                                                                                                      |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                         |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                               |
| PVC free                   | Yes                                                                                                                                                                                                                                                                                         |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|