

# Product data sheet

Specifications

SQUARE D



Safety switch, heavy duty, fused, viewing window, Type 3R, 600V, 100A, 3 pole, neutral installed

VH363NRB

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            | 100 A                                                                                                                                                                                                                  |
| Voltage Rating            | 600 V AC/DC                                                                                                                                                                                                            |
| Enclosure Rating          | NEMA 3R galvanized steel                                                                                                                                                                                               |
| Motor power hp            | 25 hp at 480 V AC 50-60 Hz for 3 phase motors<br>60 hp at 480 V AC 50-60 Hz for 3 phase motors<br>30 hp at 600 V AC 50-60 Hz for 3 phase motors<br>100 hp at 600 V AC 50-60 Hz for 3 phase motors<br>50 hp at 600 V DC |

## Complementary

|                       |                                                                                                                                                                                                                                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Short-circuit current | 10 kA for H, K, J or R without fuse rejection clips<br>200 kA for R with fuse rejection clips<br>200 kA for 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 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                 | 7.019 in (178.28 mm)                                                                                                                                                                                                                                               |
| Width                 | 9.08 in (230.63 mm)                                                                                                                                                                                                                                                |
| Height                | 22.103 in (561.42 mm)                                                                                                                                                                                                                                              |
| Net Weight            | 19.84 lb(US) (9 kg)                                                                                                                                                                                                                                                |
| Grounding Kit         | Field installed kit available                                                                                                                                                                                                                                      |

|                  |                                                                           |
|------------------|---------------------------------------------------------------------------|
| Service Entrance | Suitable service entrance for USA<br>Suitable service entrance for Mexico |
|------------------|---------------------------------------------------------------------------|

Environment

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

Ordering and shipping details

|                   |                                |
|-------------------|--------------------------------|
| Category          | 00009-H&HU SW,2&3P,N3R,30-200A |
| Discount Schedule | DE1                            |
| GTIN              | 3606485894102                  |
| Returnability     | Yes                            |
| Country of origin | US                             |

Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Number of Units in Package 1 | 1                     |
| Package 1 Height             | 22.62 in (57.4675 cm) |
| Package 1 Width              | 10.38 in (26.3525 cm) |
| Package 1 Length             | 7.00 in (17.78 cm)    |
| Package 1 Weight             | 19.84 lb(US) (9 kg)   |

Offer Sustainability

|                           |                                                                                                                                                                                                                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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> |
| EU RoHS Directive         | Under investigation                                                                                                                                                                                                                                                                         |

Recommended replacement(s)