

# Product data sheet

## Characteristics

# DTU663AWK

Safety switch, double throw, non fusible, 100A, 600V, 6 pole, 100hp, NEMA 12, no knock outs



### Main

|                           |  |
|---------------------------|--|
| Product                   | Double Throw Safety Switch   |
| Duty Rating               | Heavy duty   |
| Disconnect Type           | Non-fusible disconnect switch  |
| Factory Installed Neutral | None   |
| Number of Poles           | 6  |
| Current Rating            | 100 A  |
| Voltage Rating            | 600 V AC<br>600 V DC   |
| Enclosure Rating          | NEMA 12  |
| Motor power hp            | 40 Hp at 240 V AC 50-60 Hz for 3 phase motors<br>75 Hp at 480 V AC 50-60 Hz for 3 phase motors<br>100 Hp at 600 V AC 50-60 Hz for 3 phase motors<br>20 Hp at 250 V DC<br>50 hp at 600 V DC |

### Complementary

|                       |   |
|-----------------------|---|
| Short-circuit current | 10 KA H or K<br>200 kA R, J or T  |
| Fuse type             | H or K<br>R, J or T   |
| Mounting Type         | Surface   |
| Wire Size             | AWG 12...AWG 1/0 aluminium<br>AWG 14...AWG 1/0 copper   |
| Tightening torque     | 35 Lbf.In (3.95 N.m) 0.00...0.01 in <sup>2</sup> (2.06...5.26 mm <sup>2</sup> ) (AWG 14...AWG 1/0)<br>40 Lbf.In (4.52 N.m) 0.01 in <sup>2</sup> (8.37 mm <sup>2</sup> ) (AWG 8)<br>45 Lbf.In (5.08 N.m) 0.02...0.08 in <sup>2</sup> (13.30...53.48 mm <sup>2</sup> ) (AWG 8)<br>50 lbf.in (5.65 N.m) 0.04...0.08 in <sup>2</sup> (26.67...53.48 mm <sup>2</sup> ) (AWG 6...AWG 4) |
| Depth                 | 7.12 in (180.85 mm)   |
| Width                 | 16.75 in (425.45 mm)  |
| Height                | 30.26 in (768.60 mm)  |
| Net Weight            | 60.01 lb(US) (27.22 kg)   |

### Environment

|                |           |
|----------------|-----------|
| Certifications | UL Listed |
|----------------|-----------|

### Ordering and shipping details

|                   |                        |
|-------------------|------------------------|
| Category          | 00134-DT SWITCH,NEMA12 |
| Discount Schedule | DE1                    |
| GTIN              | 785901307808           |
| Returnability     | Yes                    |
| Country of origin | US                     |

### Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Number of Units in Package 1 | 1                        |
| Package 1 Height             | 32.00 in (81.28 cm)      |
| Package 1 Width              | 10.00 in (25.4 cm)       |
| Package 1 Length             | 17.37 in (44.132 cm)     |
| Package 1 Weight             | 45.00 lb(US) (20.412 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 free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant <a href="#">EU RoHS Declaration</a>   |
| Toxic heavy metal free     | Yes   |
| 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>   |

## Contractual warranty

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