

Industrial Grade, Motor Disconnect,  
Unfused, 3 Pole, 100A 600V AC,  
Screw Terminals, IP69k, NEMA Type  
4X, 12 Non-Metallic Sloped Top  
Enclosure for Top Feed  
Applications, HBLAC2 Aux Contact

By Hubbell Wiring Device-Kellems  
Catalog # [HBLDS100TVFD](#)

Industrial Grade, Motor Disconnect, Unfused, 3 Pole, 100A 600V  
AC, Screw Terminals, IP69k, NEMA Type 4X, 12, Non-Metallic  
Sloped Top Enclosure for Top Feed Applications, HBLAC2 Aux  
Contact, cULus, NSF, CE, UL 508 / UL 60947-4-1A

Features

- Constructed from corrosion and impact resistant UV stabilized non-metallic material
- Rounded sloped top enclosure has a single flat for top feed applications and supports best practices in hygienic design by shedding dirt and debris
- IP69k and Type 4X,12K water ingress protection and Certified by NSF for hygiene in food processing applications
- Highly visible red handle can be locked in the OFF position as a method of compliance with OSHA Lockout/Tagout requirements
- Product rating are permanently laser-marked and will not wash off
- Highly visible red handle can be locked in the OFF position as a method of compliance with OSHA Lockout/Tagout requirements
- Factory installed HBLAC2 auxiliary contact is "Break Before Main Break", 1 set of N/O contacts for VFD applications

Application

Heavy Duty Industrial and/or Washdown

Performance

- Electrical - Current Interrupting - Certified for current interrupting at full rated current & voltage
- Electrical - Dielectric Voltage - Withstands 3000V AC minimum
- Electrical - Max. Working Voltage - 600V AC RMS
- Environmental - Flammability - UL94-5VA and V0 Classification
- Environmental - Operating Temperature - Max Continuous 75°C,Min Continuous -40°C w/o impact
- Environmental - UV Resistance - All materials are UV stabilized
- Mechanical - Impact Resistance - In accordance with UL 746C



- Mechanical - Mounting - Non-Metallic - External fully adjustable feet
- Mechanical - Product Identification - Identification and ratings are part of external label
- Mechanical - Terminal Identification - In accordance with UL, CSA and international conventions

General

|                              |                                                                                                                                                                                           |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog Number               | HBLDS100TVFD                                                                                                                                                                              |
| Color                        | Gray                                                                                                                                                                                      |
| Enclosure Type               | IP69k and UL Type 4X, 12                                                                                                                                                                  |
| Environmental Conditions     | Indoor and Outdoor                                                                                                                                                                        |
| Horsepower - Maximum         | 50                                                                                                                                                                                        |
| Ingress Protection           | IP69k, NEMA Type 4X, 12                                                                                                                                                                   |
| Material - Mounting Hardware | Stainless Steel Screw Mounting                                                                                                                                                            |
| Mounting Method              | External fully adjustable feet                                                                                                                                                            |
| Operating Cycles             | 10,000 Cycles Minimum                                                                                                                                                                     |
| Operating Temperature        | Without Impact Maximum continuous 75°C and minimum -40 °C                                                                                                                                 |
| Series                       | Non-Fused                                                                                                                                                                                 |
| Specifications               | <ul style="list-style-type: none"><li>• Base - Valox®</li><li>• Enclosure Gasket - Neoprene</li><li>• Handle - Valox®</li><li>• Shaft (Unfused) - Valox®</li><li>• Top - Valox®</li></ul> |
| Style                        | Heavy Duty                                                                                                                                                                                |
| Type                         | Disconnect Switches                                                                                                                                                                       |
| UPC                          | 783585763798                                                                                                                                                                              |

Dimensions

|          |          |
|----------|----------|
| Height   | 5.94 in  |
| Hub Size | 1/ 1/4"  |
| Weight   | 3.363 lb |

Electrical Ratings

|                           |                             |
|---------------------------|-----------------------------|
| Current / Amperage Rating | 100 A                       |
| Dielectric Strength       | Withstands 3000V AC minimum |

Conductor Related

|           |               |
|-----------|---------------|
| Wire Size | #2 to #10 AWG |
|-----------|---------------|

Certifications And Compliance

Industry Standard(s) cULus Listed

Product Assets

- Brochures - Circuit-Lock® Motor Disconnects
- Catalog Page - WDK F-5 Catalog Page
- Installation Manuals - HUBBELL 60A & 100A CIRCUIT-LOCK DISCONNECT SWITCH | Installation manual
- Literature - Circuit-Lock® Rounded Sloped Top Motor Disconnects
- Specifications - HBLDS100TVFD
- Warranty - Industrial & Commercial Products



A Hubbell brand