

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

By Hubbell Wiring Device-Kellems
Catalog # [HBLDS100VFD](#)

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



Features

- Constructed from corrosion and impact resistant UV stabilized non-metallic material
- Rounded sloped top enclosure 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 VO 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

Specifications

Industry Standard(s) cULus Listed
Environmental Conditions Indoor and Outdoor

Conductor

Wire Size	#2 to #10 AWG
Configuration	
Mounting Method	External fully adjustable feet
Current	
Dielectric Strength	Withstands 3000V AC minimum
Current / Amperage Rating	100 A
Dimensions	
Hub Size	1/ 1/4"
Weight	3.363 lb.
Height	5.94 in
General	
Material - Mounting Hardware	Stainless Steel Screw Mounting
Type	Disconnect Switches
Enclosure Type	IP69k and UL Type 4X, 12
Series	Non-Fused
Specifications	<ul style="list-style-type: none"> • Base - Valox® • Enclosure Gasket - Neoprene • Handle - Valox® • Shaft (Unfused) - Valox® • Top - Valox®
UPC	783585763361
Ingress Protection	IP69k, NEMA Type 4X, 12
Style	Heavy Duty
Color	Gray
Operational	
Operating Cycles	10,000 Cycles Minimum
Operating Temperature	Without Impact Maximum continuous 75°C and minimum -40 °C
Horsepower - Maximum	50

Product Assets

[Catalog Page \[English\]](#)

[Installation Manual \[English\]](#)



A Hubbell brand

© 2026 Hubbell Incorporated. All rights reserved
WDK-HBLDS100VFD-SPEC-EN | REV 1/2026