

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, 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 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
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- 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	HBLDS100VFD
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	• Base - Valox® • Enclosure Gasket - Neoprene • Handle - Valox® • Shaft (Unfused) - Valox® • Top - Valox®
Style	Heavy Duty
Type	Disconnect Switches
UPC	783585763361

Dimensions

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

Electrical Ratings

Current / Amperage Rating	100 A
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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
- Sales Drawings - M-14732
- Specifications - HBLDS100VFD
- Warranty - Industrial & Commercial Products



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