



Switches and Lighting Control, Motor Disconnect, 3-Pole, 60A 600V, Back and Side Wired

By Hubbell Wiring Device-Kellems
Catalog # [HBL7863D](#)



Manual Motor Controller Disconnect Switch 60A, 3-Pole, 600V,
Back and Side Wired.

Features

- Front and back wiring with steel screws and copper terminals
- Recessed wiring wells for finger safe environments
- Thermoset body withstands high temperatures
- Thermoset body provides high resistance to electrical arc tracking
- Strong ON/OFF action with quick-make, slow break operation
- Optional Side Finger Guards for close wall applications and finger safe environments
- Four large silver alloy contacts per pole has excellent conductivity with maximum M4969 longevity
- Lubrication-free controller with continued ON/OFF cycling even in harsh, dust and high heat environments

General

Color	<ul style="list-style-type: none"> • Black • Noir
Environmental Conditions	Indoor Dry Unless Protected By Additional Means
Horsepower - Maximum	30
Item Type	Open Switch
Load Capacity	Inductive
Material	Stainless Steel
Material - Mounting Hardware	Screw Mounting
Number Of Poles	3 Pole
Operating Cycles	10,000 Cycles Minimum
Operating Temperature	Maximum continuous 75°C and minimum -40°C without Impact
Performance	<ul style="list-style-type: none"> • Electrical - Dielectric Voltage - Min. 2,200V AC minimum for 1 minute • Electrical - Electrical Life - Min. 6,000 Cycles at rated switch load • Electrical - Max. Working Voltage - 600V AC RMS • Environmental - Flammability - UL94HB/VO • Environmental - Operating Temperature - Max. 75°C, Min. -40°C continuous

Dimensions

Display Size	Standard Sized Product
Weight	0.9 lb

Electrical Ratings

Amperage Rating	60 A
Connectivity	Pressure Terminal Screws
Current / Amperage Rating	60 A
Current Rating	60 A
Dielectric Strength	2,200V AC minimum for 1 minute
Phase	Three Phase
Voltage Rating	600 VAC
Voltage Rating Description	600 VAC
Wattage	36000

Certifications and Compliance

Industry Standard(s)	<ul style="list-style-type: none"> • CSA-C22.2 No.14 Industrial Control File LR-46186 • UL 508, Industrial Control File #E70402
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Logistics

Carton Quantity	10
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Product Assets

[Catalog Page - WDK F-21 Catalog Page](#)
[Catalog Page - WDK F-25 Catalog Page](#)
[Catalogs - WDK Catalog Full 2023](#)
[Engineering Drawing - HBL7863D AutoCAD Drawing](#)
[Installation Manuals - WIRING_PD2018_INSTALLINST](#)
[Literature - Safety Product Guide](#)
[Literature - Circuit-Lock® Motor Disconnects](#)
[Sales Drawings - WDK_HBL7863D_DRAWING_PDF](#)
[Warranty - Industrial & Commercial Products](#)

w/o impact

- Mechanical - Mechanical Life - Min. 10,000 minimum cycles
- Mechanical - Switch Rating - 25 inch pounds
- Mechanical - Terminal Accommodations - #10 AWG Max
- Mechanical - Terminal Torque - 20 inch pounds
- Mechanical - Wire Type - Solid and stranded copper wire only

Series
Type

Standard Toggle

- Back Wire
- Back Wire

UPC

783585202907



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