

Industrial Grade, Manual Motor
Controllers, Motor Disconnects,
Three Pole, 30A 600V AC, Back and
Side Wired, Black

By Hubbell Wiring Device-Kellems
Catalog # [HBL7810](#)



Circuit-Lock® Manual Toggle Controller/Motor Disconnect
Switch, 3-pole 30A 600V AC, Back and Side Wired

Features

- 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 longevity
- Lubrication-free controller with continued ON/OFF cycling even in harsh, dust and high heat environments

Performance

- 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 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

General

Catalog Number	HBL7810
EU RoHS Indicator	Yes
Horsepower - Maximum	20
Item Type	Standard Toggle
Load Capacity	Inductive
Material	Stainless Steel
Material - Mounting Hardware	Screw Mounting
Number Of Poles	3 Pole
Operating Cycles	10,000 Cycles Minimum
Series	Standard Toggle
Specifications	Enclosure Material - Nylon
UPC	783585680507

Dimensions

Display Size	Standard Sized Product
Weight	0.55 lb

Electrical Ratings

Amperage Rating	30 A
Connectivity	Back and Side Wired
Current / Amperage Rating	30 A
Current Rating	30 A
Dielectric Strength	2,200V AC minimum for 1 minute
Phase	Three Phase
Voltage Rating	600 VAC
Voltage Rating Description	600 VAC
Wattage	18000 W

Certifications And Compliance

Industry Standard(s)	• CSA-C22.2 No.14 Industrial Control File LR-46186 • UL 508, Industrial Control File #E70402
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Logistics

Carton Quantity	40
Pallet Quantity	3600

Product Assets

[360 Product View - HWDK_HBL7810](#)
[3D Product View - HWDK_HBL7810](#)
[Brochures - Circuit-Lock® Motor Disconnects](#)
[Catalog Page - WDK F-21 Catalog Page](#)
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[Engineering Drawing - HBL7810 AutoCAD Drawing](#)
[Installation Manuals - WIRING_PD2018_INSTALLINST](#)
[Literature - WLFD011-CANEN](#)
[Literature - WLFD011-CANFR](#)

[Literature - PULP & PAPER SOLUTIONS](#)
[Literature - Pulp & Paper Solutions](#)
[Literature - Safety Product Guide](#)
[Literature - 30A Manual Motor Controllers](#)
[Sales Drawings - WDK_HBL7810_DRAWING_PDF](#)
[Specifications - HBL7810 Specification Sheet French](#)

[Specifications - HBL7810 Specification Sheet](#)
[Specifications - Wiring HBL7810 Specification Sheet](#)
[Warranty - Industrial & Commercial Products](#)
[Video - Hubbell 30A Toggle Motor Disconnect](#)
[Video - Circuit-Lock® Rounded Sloped Top Motor Disconnects](#)



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