

Quick Disconnect Switches



**REDUCE DOWNTIME...
INCREASE PRODUCTIVITY!**

MotorQuick® is a new and innovative product offering that enables faster installation and replacement of motors.

New & Innovative

By utilizing the plug-and-play technology of the

LINKOSITY® power system and the versatility of the **Circuit-Lock®** motor disconnect switches, Hubbell has designed a product line that will drastically reduce the time it takes to replace motors. Having a LINKOSITY inlet pre-wired to the junction box of a

Plug & Play Technology

spare motor allows for the majority of the work to be done when it is convenient, not CRITICAL. This also allows for a test bench to be set up in the motor shop to ensure that the motor is wired properly prior to installation. Motor

More Production Time

change-out time will be **reduced by over**

65%! This means that production will be up and running in a fraction of the time. Because “time is money” you



will save hundreds or even thousands of dollars every time you change-out a motor using the MotorQuick product from Hubbell Wiring Device-Kellems.

Reduced Cost of Ownership



Cost of Ownership Analysis

Traditional Motor Changeout

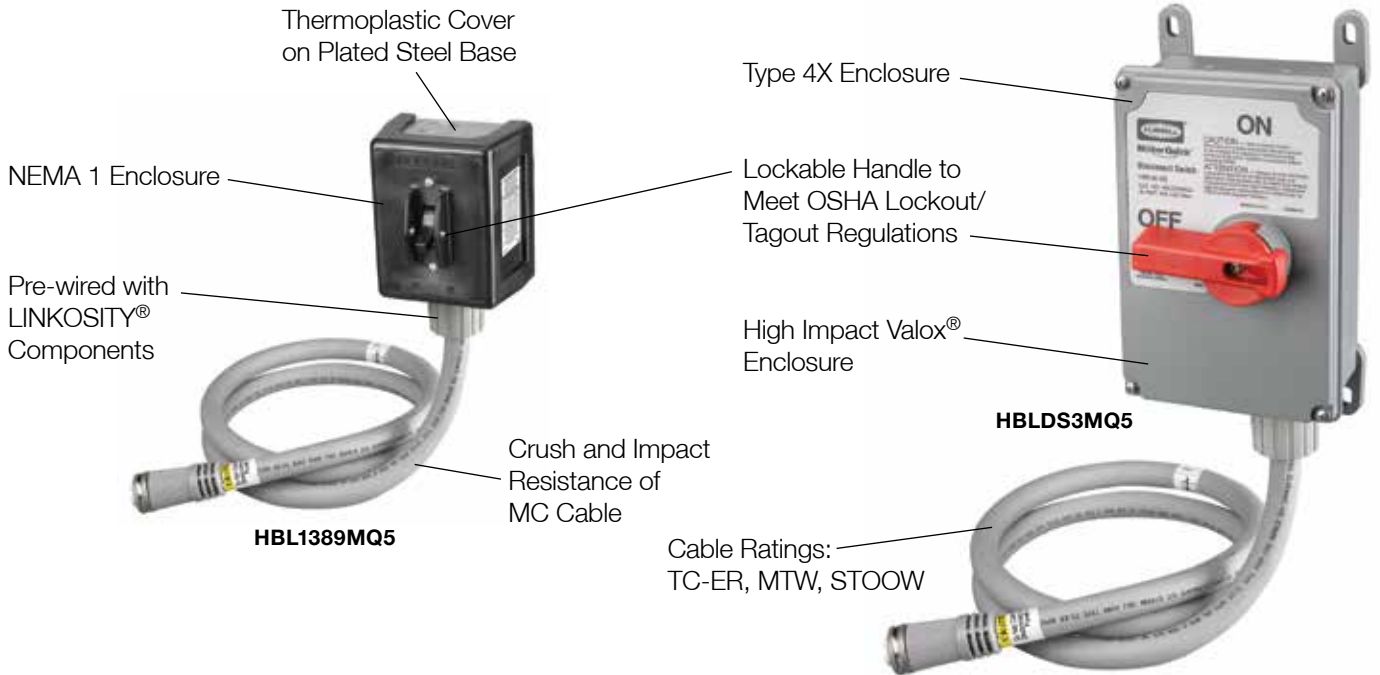
Catalog Number	Total Material Cost	Labor Cost/ Hr	Downtime	Total Labor Cost	Downtime Cost/hr	Total Downtime Cost	Total Cost
HBL1389D	\$106.00	\$53.00	1 hour	\$53.00	\$750.00	\$750.00	\$909.00
HBLDS3	\$185.00	\$53.00	1 hour	\$53.00	\$750.00	\$750.00	\$988.00

MotorQuick® Motor Changeout

Catalog Number	Total Material Cost	Labor Cost/ Hr	Downtime	Total Labor Cost	Downtime Cost/hr	Total Downtime Cost	Total Cost	Total Savings
HBL1389MQ*	\$299.00	\$53.00	20 minutes	\$17.67	\$750.00	\$250.00	\$566.67	\$342.33
HBLDS3MQ*	\$411.00	\$53.00	20 minutes	\$17.67	\$750.00	\$250.00	\$678.67	\$309.33

Note: *MotorQuick catalog numbers are based on the average cost of the various designs.





Quick Disconnect Switches

Type 1 Non-Metallic Enclosure 30A 3 Pole 600V AC	Catalog Number
HBL1389D with one pre-wired LINKOSITY® female receptacle (load side).	HBL1389MQR
HBL1389D with 5 foot pre-wired LINKOSITY® female cable (load side).	HBL1389MQ5
HBL1389D with one pre-wired LINKOSITY® male receptacle (line side) and one pre-wired LINKOSITY® female receptacle (load side).	HBL1389MQR2
Type 4X Non-Metallic Enclosure 30A 3 Pole 600V AC	Catalog Number
HBLDS3 with one pre-wired LINKOSITY® female receptacle (load side).	HBLDS3MQR
HBLDS3 with 5 foot pre-wired LINKOSITY® female cable (load side).	HBLDS3MQ5
HBLDS3 with one pre-wired LINKOSITY® male receptacle (line side) and one pre-wired LINKOSITY® female receptacle (load side).	HBLDS3MQR2
Type 4X Stainless Steel Enclosure 30A 3 Pole 600V AC	Catalog Number
HBLDS3SS with one pre-wired LINKOSITY® female receptacle (load side).	HBLDS3SSMQR
HBLDS3SS with 5 foot pre-wired LINKOSITY® female cable (load side).	HBLDS3SSMQ5
HBLDS3SS with one pre-wired LINKOSITY® male receptacle (line side) and one pre-wired LINKOSITY® female receptacle (load side).	HBLDS3SSMQR2



Accessories

Description	Catalog Number
3P 4W LINKOSITY® male receptacle for installation on motor.	RM3004PA001
3P 4W LINKOSITY® female receptacle for installation in switch.	RF3004PA001
3P 4W LINKOSITY® double ended (male/female) 5-50 foot cable.	PH3004PAxxx*
3P 4W LINKOSITY® single ended (female) 5-50 foot cable.	PF3004PAxxx*
Cord connector, 3/4 in. NPT .63-.75 in. (16.0-19.1) diameter.	SHC1037CR
Lock-on cover for LINKOSITY® connections.	PH2030C

Note: *Cables available from 5-50 feet in 5 foot increments. To purchase larger cable, replace the **xxx** with the required length in feet. (Examples: PH3004PA005 = 5 foot cable, PH3004PA050 = 50 foot cable.)

Sample Set Up

(1) HBLDS3MQR + (1) PH3004PAxxx + (1) RM3004PA001 = Total Set Up**



Note: ** Retrofit parts available for pre-existing disconnect switch installations. Please consult factory for availability.

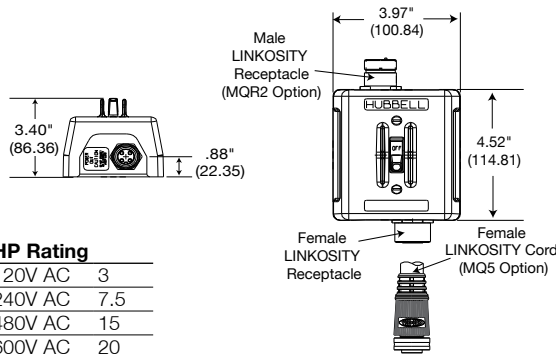


Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.



Dimensions

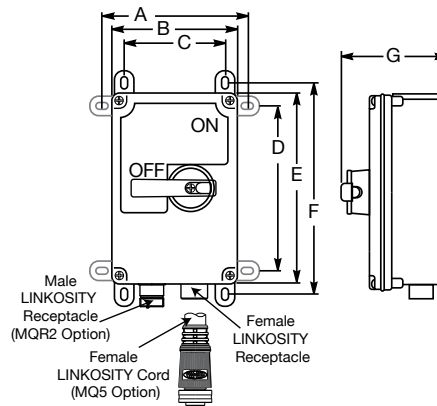
Type 1



HP Rating

120V AC	3
240V AC	7.5
480V AC	15
600V AC	20

Type 4X



30A		
Key	inch	(mm)
A	6.00	152
B	5.12	130
C	4.12	105
D	6.62	168
E	7.62	194
F	8.50	216
G	4.12	105

HP Rating

120V AC	1
240V AC	7.5
480V AC	15
600V AC	15

Specifications

Electrical Performance	Type 1	Type 4X
Dielectric Voltage	2,200V AC minimum for 1 minute	2,200V AC minimum for 1 minute
Electrical Life	6,000 cycles with load	6,000 cycles with load
Max. Working Voltage	600V AC RMS	600V AC RMS
Short Circuit Current Ratings (SCCR): (Motor Disconnect)	10,000 RMS symmetrical amps when tested with 60A max J fuses	30A: Suitable for use on a circuit capable of delivering not more than 10kA RMS symmetrical, 600V AC max.
Short Circuit Current Ratings (SCCR): (Motor Controller)	10,000 RMS symmetrical amps when tested with 125A RK5 fuses	30A: Suitable for use on a circuit capable of delivering not more than 65kA RMS symmetrical, 600V AC max. when protected by Class J fuses rated 30A max.
Mechanical		
Mechanical Life	10,000 minimum cycles	10,000 minimum cycles
Terminal Accommodations	Amps 30 AWG Min. #14 AWG Max. #10	Amps 30 AWG Min. #14 AWG Max. #10
Terminal Torque	30 20 inch pounds	30 20 inch pounds
Impact Resistance	—	UL746C
Environmental		
Flammability	UL94HB/V-0	UL94-5VA and V0 Classification
Operating Temperature	Max. continuous 60°C Min. continuous w/out impact -40°C	Max. continuous 75°C Min. continuous -40°C
Listings		
UL 508	Industrial Control Equipment File #E36355	Industrial Control Equipment File #E36355

Specifications LINKOSITY® Connection

Certifications		Materials	
Connecting Components	Listed to UL 2238 and UL 50E	Connectivity System Components	
Electrical Performance		Contact Carrier	Nylon 6/6, white
Voltage	Up to 600V AC	Contact Materials	Pins - brass
Amperage	Up to 30A		Sockets - leaded nickel cooper with stainless steel sleeve
Environmental		Contact Plating	Hard gold over palladium/nickel
Connectivity System Components		Overmold Material	Glass filled polyurethane, gray
Moisture Resistance	UL Type 4, 4X, 12 and 13	Coupling Hardware	Nickel plated brass
Ingress Protection	IP67 Suitability	Cable (16 AWG and Up)	UL 600V Type TC-ER, MTW 90°C or STOOW 600V 105°C
Flammability	UL94HB cables/UL94V-0 receptacles		