

*Suitable as a motor disconnect*

*34% reduction in size*

*Easily fits in standard FD box*

Hubbell has the most complete offering of disconnect switches. The size of the redesigned 30A toggle switch has been significantly reduced. The smaller form factor allows easy installation into a standard FD box with #10AWG wires while providing the same market leading performance.

Ideal for:



**INDUSTRIAL FANS**



**AGRICULTURAL IRRIGATION**



**GENERAL CONSTRUCTION**

#### **SAME GREAT PERFORMANCE**

- Minimum 6,000 cycles
- Up to 20HP rating
- 10kA SCCR when protected by 60A RK5 fuse
- Certified to CSA (UL) 60947-4-1

#### **LESS IS MORE**

- Fits in less space
- More applications
- More user friendly
- More wiring room



Ample wiring room for installation with #10AWG



# 30A Manual Motor Controllers

## ORDERING INFORMATION

### Manual Motor Controllers

Amp	Poles	Toggle-type	Wire	HP Rating				Catalog Number
				120V AC 1Ø	240V AC 3Ø	480V AC 3Ø	600V AC 3Ø	
30	2	Standard	Back/Side	2	5	10	15	<b>HBL7832</b>
	2	Short	Back/Side	2	5	10	15	<b>HBL7832S</b>
	3	Standard	Back/Side	3	7.5	15	20	<b>HBL7810</b>
	3	Short	Back/Side	3	7.5	15	20	<b>HBL7810S</b>



### Circuit-Lock® NEMA 1 Enclosures with Switch

Ideal for use in industrial environments, i.e. conveyor systems, industrial fans, etc.

Amp	Poles	Enclosure Material	HP Rating				Catalog Number
			120V AC 1Ø	240V AC 3Ø	480V AC 3Ø	600V AC 3Ø	
30	2	Thermoplastic/Steel	2	5	10	15	<b>HBL1392</b>
	3	Thermoplastic/Steel	3	7.5	15	20	<b>HBL1389</b>
	2	Aluminum	2	5	10	15	<b>HBL1372</b>
	3	Aluminum	3	7.5	15	20	<b>HBL1379</b>



### Circuit-Lock® NEMA 3/3R Enclosures with Switch\*

Ideal for use on outdoor equipment.

Amp	Poles	Enclosure Material	HP Rating				Catalog Number	
			120V AC 1Ø	240V AC 3Ø	480V AC 3Ø	600V AC 3Ø	NEMA 3	NEMA 3R
30	2	Thermoplastic	2	5	10	15	<b>HBL13R22</b>	—
	3	Thermoplastic	3	7.5	15	20	<b>HBL13R23</b>	—
	2	Aluminum	2	5	10	15	<b>HBL13R12</b>	<b>HBL13R92</b>
	3	Aluminum	3	7.5	15	20	<b>HBL13R13</b>	<b>HBL13R89</b>



\*Drill weep-hole to alter from Type 3 to Type 3R.

## SPECIFICATIONS

### Electrical Performance

Dielectric voltage	Min. 2,200V AC minimum for 1 minute
Electrical life	Min. 6,000 cycles at rated switch load
Max. working voltage	600V AC RMS
Short circuit withstand rating as motor disconnect	60A max. when protected by J fuses
Short circuit withstand rating as motor controller	60A max. when protected by RK5 fuses

### Mechanical

Mechanical life	Min. 10,000 cycles
Terminal accommodations	#10 AWG max.
Wire type	Solid and stranded copper wire only

### Environmental

Flammability	UL94HB/VO
Operating temperature	Max. 75°C, min. -40°C continuous without impact

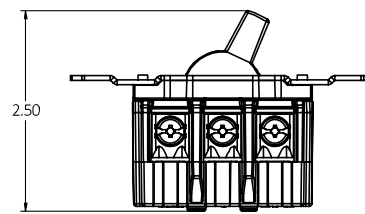
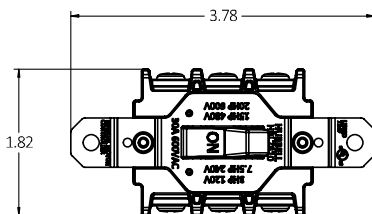
### Listings

UL 60947-4-1*	Industrial Control File #E36355
CSA 60947-4-1	

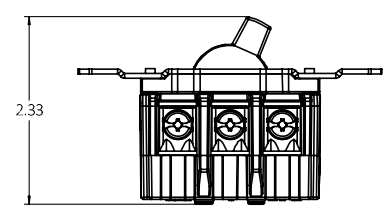
\*Supercedes UL508

### Material

Mounting yoke	Steel
Base, cover and toggle	Nylon
Contacts	Silver alloy
Terminal screws	Steel



HBL7810  
HBL7832



HBL7810S  
HBL7832S