

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	HBL7832
	2	Short	Back/Side	2	5	10	15	HBL7832S
	3	Standard	Back/Side	3	7.5	15	20	HBL7810
	3	Short	Back/Side	3	7.5	15	20	HBL7810S



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	HBL1392
	3	Thermoplastic/Steel	3	7.5	15	20	HBL1389
	2	Aluminum	2	5	10	15	HBL1372
	3	Aluminum	3	7.5	15	20	HBL1379



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	HBL13R22	—
	3	Thermoplastic	3	7.5	15	20	HBL13R23	—
	2	Aluminum	2	5	10	15	HBL13R12	HBL13R92
	3	Aluminum	3	7.5	15	20	HBL13R13	HBL13R89



*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

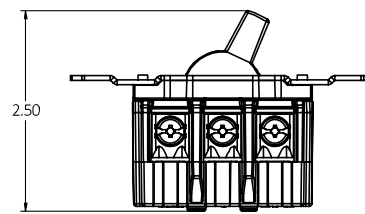
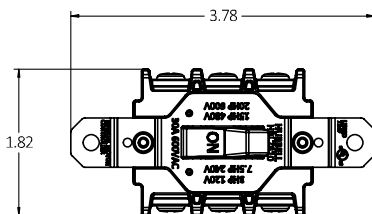
Listings

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

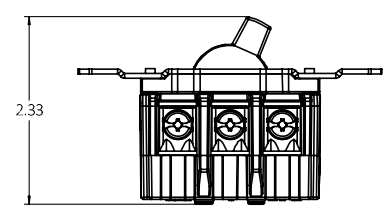
*Supercedes UL508

Material

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



HBL7810
HBL7832



HBL7810S
HBL7832S