

Switched Disconnects and Enclosures

600V AC Manual Toggle Controllers/Disconnects

For use in almost any industrial environment. Ideal component switch for motor control and as a disconnect. Toggle controllers can be built into equipment and enclosures for either box or panel-mount installation.

Amp	Poles	ToggleType	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	HBL7832D
	2	Short	Back/Side	2	5	10	15	HBL7832DS
	2	Standard	Back/Side	2	5	10	15	HBL7832DX
	3	Standard	Back/Side	3	7.5	15	20	HBL7810D
	3	Short	Back/Side	3	7.5	15	20	HBL7810DS
40	2	Standard	Side	2	5	10	15	HBL7842D
	3	Standard	Side	3	7.5	15	20	HBL7843D
50	2	Standard	Side	2	5	10	15	HBL7852D
	3	Standard	Side	3	7.5	15	25	HBL7853D
60	2	Standard	Back	—	10	15	20	HBL7862D
	3	Standard	Back	—	10	25	30	HBL7863D
	2	Standard	Front	—	10	15	20	HBL7862FWD
	3	Standard	Front	—	10	25	30	HBL7863FWD
85	2	Standard	Back	—	10	15	20	HBL7882D
	3	Standard	Back	—	10	25	40	HBL7883D
Optional Side Guard, for close wall applications and finger safe environments.								HBLFG30*

Note: *For 30A, 40A and 50A controllers.



HBL7810D



HBL7853D



HBL7863D



HBLFG30

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
Switches	10,000 RMS
Short Circuit	30A & 40A 60A max. when protected by J fuses
Withstand Rating	50A 50A max. when protected by J fuses
as Motor Disconnect	60A & 85A 80A max. when protected by J fuses
Short Circuit	
Withstand Rating	All Switches 125A max. RK5 fuses
as Motor Controller	

Mechanical

Mechanical Life	Min. 10,000 minimum cycles
Switch Rating	AWG Max.
Terminal	30A #10
Accommodations	40A & 50A #8**
	60A & 85A #4
Wire Type	Solid and stranded copper wire only.
Terminal Torque	30A – 50A 20 inch pounds
Switch Rating	60A – 85A 25 inch pounds

Environmental

Flammability	UL94HB/VO
Operating Temp.	Max. 75°C
	Min. -40°C continuous without impact

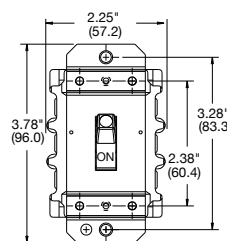
Listings

	Industrial Control File
UL 508	#E70402
CSA-C22.2 No.14	LR-46186

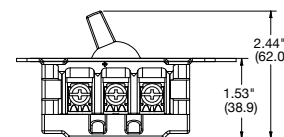
Note: **Use listed certified ring terminal.

Dimensions

30, 40 and 50 Amp Standard Toggles

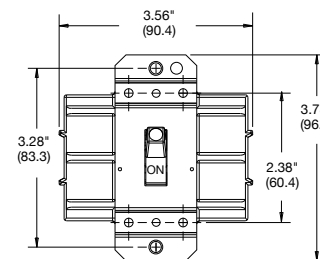


Front

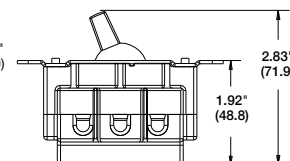


Side

60 and 85 Amp Standard Toggles



Front



Side

Dimensions in Inches (mm)