

Switches

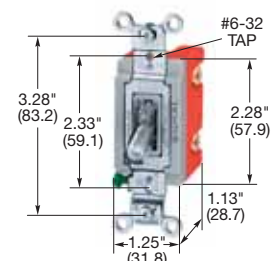
15, 20 and 30 Ampere, 120-277 Volts and 347 Volts AC

HBL® Extra Heavy Duty Industrial Series

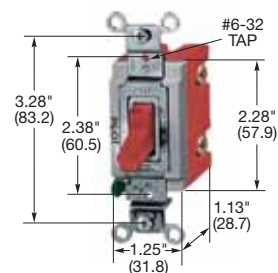
Toggle Type Lighted and Pilot Light AC Switches with Ground Screw and 347V AC

**HBL® Extra Heavy Duty Industrial Series, Lighted and Pilot Light Toggle Switches, Back and Side Wired****Lighted Toggle (light on with load off)**

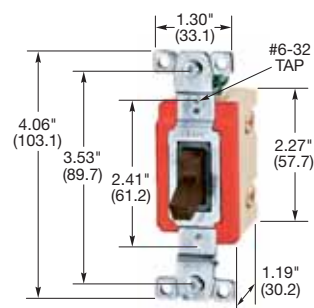
Description	Rating	Catalog Numbers		
		Single Pole	Double Pole	Three Way
Ivory nylon toggle.	15A 120-277V AC	HBL1201IL	–	HBL1203IL
Ivory nylon toggle.	20A 120-277V AC	HBL1221IL	–	HBL1223IL
Clear polycarbonate toggle.	20A 120-277V AC	HBL1221ILC	–	HBL1223ILC
Red polycarbonate toggle.	20A 120-277V AC	HBL1221ILR	–	–

**HBL1221ILC****Pilot Light (light on with load on)**

Description	Rating	Catalog Numbers		
		Single Pole	Double Pole	Three Way
Red polycarbonate toggle.	15A 120-277V AC	HBL1201PL	–	HBL1203PL
Red polycarbonate toggle.	20A 120-277V AC	HBL1221PL	HBL1222PL	HBL1223PL
Clear polycarbonate toggle.	20A 120-277V AC	HBL1221PLC	–	HBL1223PLC
Green polycarbonate toggle.	20A 120-277V AC	HBL1221PLG	–	–
Red polycarbonate toggle.	30A 120-277V AC	HBL3031PL	HBL3032PL	–

**HBL1221PL****15A, 347V AC**

Description	Catalog Numbers			
	Single Pole	Double Pole	Three Way	Four Way
Brown nylon toggle.	HBL18201CN	–	HBL18203CN	–
Ivory nylon toggle.	HBL18201ICN	–	HBL18203ICN	HBL18204ICN
Locking.	HBL18201LCN	–	HBL18203LCN	–
Key for locking switch.	HBL1209	–	–	–

**HBL18221CN****20A, 347V AC**

Description	Catalog Numbers			
	Single Pole	Double Pole	Three Way	Four Way
Brown nylon toggle.	HBL18221CN	–	HBL18223CN	–
Ivory nylon toggle.	HBL18221ICN	–	HBL18223ICN	–

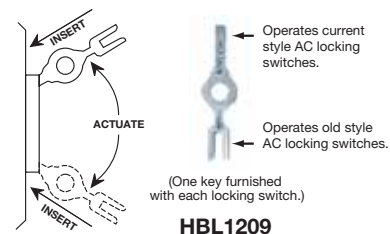
Notes: Keys are supplied with each locking switch. For extra keys order HBL1209.

See section K for full line of wallplates.

For accessories, see pages C-17 to C-19.

For technical data, see page C-25.

See pages C-29 and C-30 for wiring diagrams.

**HBL1209****HP Conversion Chart**

	120V	208V	240V	277VAC
15A	.5HP	1.5HP	2HP	2HP
20A	1HP	2HP	2HP	2HP
30A	2HP	2HP	2HP	2HP

AC Switches

Technical Information

HBL® Extra Heavy Duty Industrial Grade Switches

SP, DP, 3-Way, 4-Way**Specifications**

Listings	Component	Material
UL Listed	Base	Thermoset, Color Coded by Amperage
CSA Certified	Top	Thermoset, Gray
Verified to Fed. Spec. W-S-896, SP, DP, 3-way and 4-way	Toggle	Nylon
	Terminals	Brass
	Terminal Screws	Brass
	Mounting Bridge	Nickel Plated Steel
	Contacts	Silver Alloy
	Moveable Contact Arm	Brass
	Rocker	Elastomer
	Ground Terminal	Nickel-Plated Steel
	Ground Screw	Brass
	Automatic Grounding Clip	Stainless Steel

Performance Data**Electrical**

Dielectric Voltage	Withstands 1500V AC minimum for 1 minute.
Max. Working Voltage	277V AC.
Overload	Minimum 4.8 times rated current for 100 cycles.
Temperature Rise	30° C maximum at rated current.
Max. Continuous Current	15A, 20A, 30A.
Endurance	50,000 cycles min., tungsten filament lamp load Fed. Spec. #WS896, SP, DP, 3-way and 4-way.

Mechanical

Terminal Accommodations	#14 AWG min. - #10 AWG max. solid and stranded copper wire only.
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Environmental

Flammability	UL 94V-2.
Operating Temperature	Max. continuous: 75° C; Min. continuous: -40° C w/o impact.