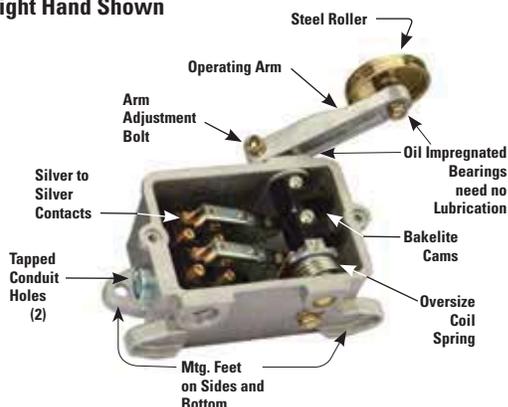


MILL DUTY PRODUCTS

Limit Switch



Right Hand Shown



Application

Type 102HL and HLD Hatchway Limit Switches are designed as pilot circuit devices for all heavy duty applications to limit travel or set up function at predetermined positions. On Type HL single acting switches, the lever operates in one direction only; while on Type HLD double acting switches, it operates in two directions with a variety of contact sequences.

Features:

- Double Break removable Silver-to-Silver Contacts.
- Each contact may be independently changed from normally open to normally closed and vice versa without disassembly.
- Operating Arm on most models may be field changed to the other side by reversing the shaft.
- Oil impregnated bearings at contact finger pivot points.
- Oil impregnated shaft bearings need no lubrications.

Lever Travel is 50°
Each Direction

Type HL Single Acting Hatchway - Limit Switch

Right Hand²

Type	Contacts	Poles	Standard Enclosures	Dust-tight Enclosure	Watertight Enclosure
			Catalog No. ¹	Catalog No. ¹	Catalog No. ¹
HLA-1	NO or NC	1	A102-41252A-1	A102-231414A-1	A102-54634A-1
HLA-2	2 NO or 2 NC	2	A102-41251A-1	A102-231413A-1	A102-54635A-1
HLA-3	1 NO & 1 NC	2	A102-41251A-3	A102-231413A-3	A102-54635A-3
HLA-30	1 NO & 1 NC overlapping ⁴	2	A102-54268A-1	A102-273562A-1	A102-68866A-1
Left Hand ²					
HLLA-1	NO or NC	1	A102-41252A-3	A102-231414A-3	A102-54634A-3
HLLA-2	2 NO or 2 NC	2	A102-41251A-4	A102-231413A-4	A102-54635A-4
HLLA-3	1 NO & 1 NC	2	A102-41251A-6	A102-231413A-6	A102-54635A-6
HLLA-30	1 NO & 1 NC overlapping ⁴	2	A102-54268A-2	A102-273562A-2	A102-68866A-2

Any 1 or 2 pole switch may be converted from right to left hand and vice versa using a screwdriver.

Note:

1. Includes operating lever and standard steel roller.
2. Type HLA-1, 2 & 44, HLLA-1 & 2 contacts are normally closed when shipped from the factory. To change to normally open, loosen cam and rotate 180°.
3. Any 1 or 2 pole switch may be converted from right to left hand and vice versa using a screwdriver.
4. Overlapping contacts are not convertible.

Limit Switch Electrical Ratings

25 Amp - 600V AC Maximum			
Heavy Pilot Duty 600V AC A600, 250V DC Maximum N300.			
Volts	Current - Amperes		
	Carry	Break	Inrush/ Make
110-120V AC	25	6.0	6.0
220-240V AC	25	3.0	3.0
440-480V AC	25	1.5	1.5
550-600V AC	25	1.2	1.2
115-125V DC	10	2.2	2.2
230-250V DC	10	1.1	1.1

Ordering Information

- Use complete catalog number when ordering. If modification is required, state in full detail on the order.

Modifications:

- Omit standard lever and roller.
- Phenolic composition roller, 2 1/2" dia., on standard lever in place of standard steel roller, A102-426105A
- Five-inch lever with standard steel roller, in place of standard lever and roller, A102-248096A
- Seven-inch dia., composition roller on 5" lever, in place of standard lever and roller, A102-75993A