Application

The Type 102CHL pilot circuit limit switches are designed for mounting beneath the hoisting mechanism of electrically operated cranes to serve as upper limit safety stop switches. Such a safety device is necessary to prevent the hook from being raised into the hoisting mechanism where it would cause damage.

Enclosure - Standard die cast aluminum enclosures.

Dust-tight Enclosures - Dust-tight enclosures can be furnished at an additional charge for the dust seal gasket.

Watertight - Watertight enclosures are also available. The same heavy case is specially fitted with watertight bushings and seals to meet NEMA watertight tests.



- Cams A10252609
- 2 Pole Base A10241255A
- Weight 1 B102-80615
- Weight 2 A102-54265

Features:

- Toggle type snap action.
- · Double break removable Siver-to-Silver Contacts.
- Contact wearing parts completely interchangeable with same parts inType 101SD Master Switch, Type 101FS Foot Switches and Type 102HL and TL Limit Switches.
- Each contact may be independently changed from N.O. to N.C. and vice versa without disassembly, by turning cams on shaft 180°.
- · Operating arm adjustable on shaft.
- · Automatic reset when hook is lowered.
- · Die cast aluminum enclosure standard.

Type 102CHL Crane Hook - Limit Switch

			Standard Enclosure	Watertight Enclosure
Туре	Contacts	Poles	Catalog No.	Catalog No.
CHL-22	2 NC	2	A102-80886A	A102-80887A

Limit Switch Electrical Ratings

25 Amp - 600V AC Maximum						
Heavy Pilot Duty 600V AC A600, 250V DC Maximum N300.						
	Current - Amperes					
Volts	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	ر 1.1			

Note:

1. Includes limit switch complete with cable, cable weight and counterweight. Approximate shipping weight is 45 lbs.

Ordering Information

Use complete catalog number.

If dust-tight enclosure is desired, use the same catalog number as for standard enclosure and specify "Dusttight" on the order.

Approximate Dimensions

