

Weight Limit Switch 10A

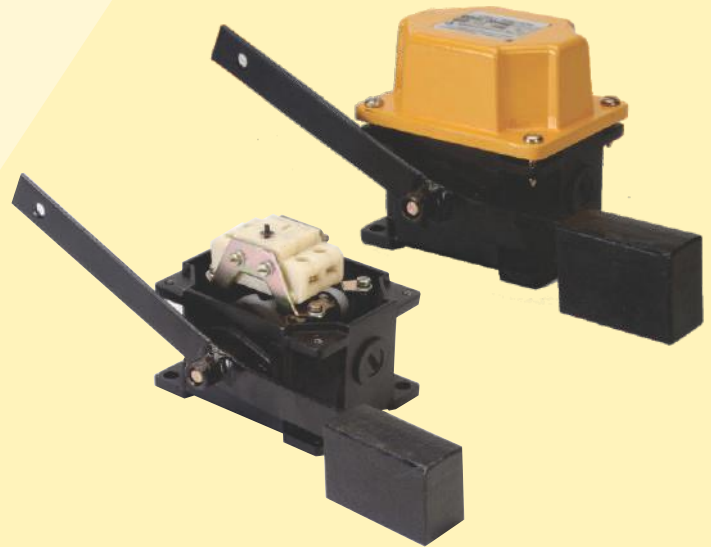


Introduction

Weight Operated Limit Switches are used on control / power circuit of reversing drives so as to limit their rotation / movement within a predetermined position. Complying to IEC/EN 60947-5-1, IEC/EN 60529, IEC 60068-2-78, IEC 60068-2-30

Operation

When the snatch block of the crane reaches its top position the snatch block pushes a plate which is hanging from one end of the lever of the limit switch. Due to the weight placed on the other end of the lever this lever is pushed up. When the lever is pushed up the shaft to which this lever is connected rotates there by rotating the cams which eventually open the contacts



Technical Data

| | |
|----------------------|----------------------------------|
| Body material | Powder coated, Aluminum Die cast |
| Degree of protection | IP-55 IS/IEC-600529 : 2001 |
| Mounting position | Floor mounting |
| Cable Entries | Twin, 3/4" BS conduit |
| No. of contact | 2 |
| Contact | Silver-cadmium |
| Wire connection | Screwed Terminals |
| Thermal Test Current | 10 A |
| Rated Voltage | 500 VAC |

Switching Diagram

CWLS/1SH/1
101400010001

| CONTACT NO. | 0 | 1 |
|-------------|---|---|
| 1 | X | |

CWLS/1SH/2
101400020002

| CONTACT NO. | 0 | 1 |
|-------------|---|---|
| 1 | X | |
| 2 | X | |

CWLS/1SH/11
101400020001

| CONTACT NO. | 0 | 1 |
|-------------|---|---|
| 1 | X | |
| 2 | | X |

