# 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**

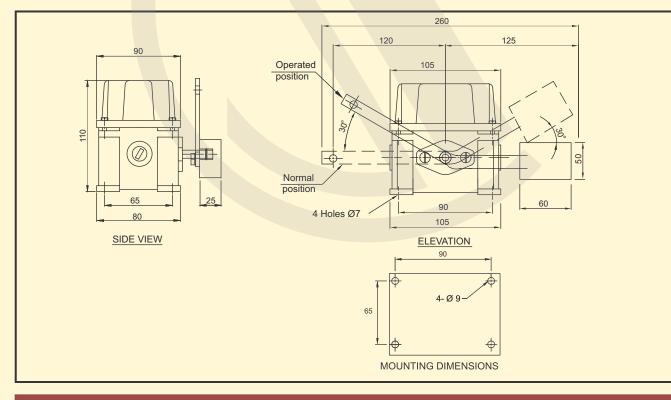
CWLS/1SH/1 101400010001		
CONTACT NO.	0	1
1	Х	

CWLS/1SH/2 101400020002

CONTACT NO.	0	1
1	Х	
2	Х	

#### CWLS/1SH/11 101400020001

CONTACT NO.	0	1
1	Х	
2		Х



H. O. Unit -I : C-15/16, Nand Jyot Industrial Estate, Andheri-Kurla Road, Mumbai - 400072, Tel : (022) 42469700/730 E-mail : sales@socgroup.in Unit - II: Plot No. 4912, G. I. D. C., Phase IV, Vatva, Ahmedabad - 382445 Tel.: (079) 68169700/702/712 E-mail : enquiry2@socgroup.in

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