Weight Limit Switch 40A

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	40 A				
Rated Voltage	500 VAC				

Switching Diagram

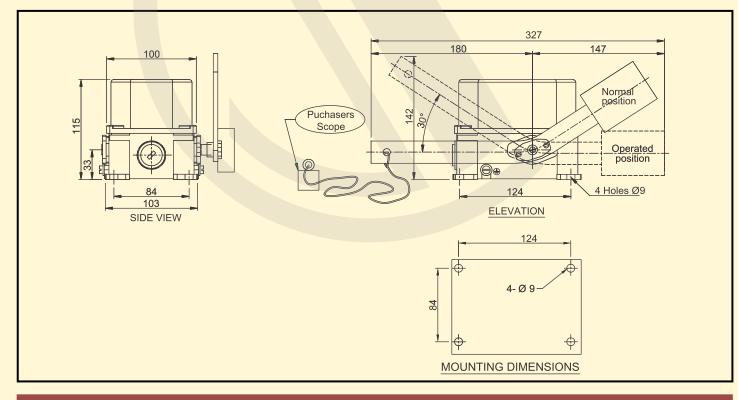
CWLS/1SH/1 101400020001		
CONTACT NO.	0	1
1	Х	

CWLS/1SH/2 101400020002

CONTACT NO.	0	1			
1	Х				
2	Х				

CWLS/1SH/11 101400020003

CONTACT NO.	0	1
1	Х	
2		Х



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