

ROTARY GEARED LIMIT SWITCH



ROTARY GEARED LIMIT SWITCH - MODEL: GRLS

Rotary Geared Limit Switch GRLS is used to trip motor supply when the moving loads reach the extreme end positions of working zone.

The driving motion is transmitted by worm gear through worm shaft. The rotations and movements are transmitted to switches by adjustable cams.

The GRLS Limit Switches with IP-55 degree of protection are available in desired NO/NC contacts combinations and specified gear ratio.

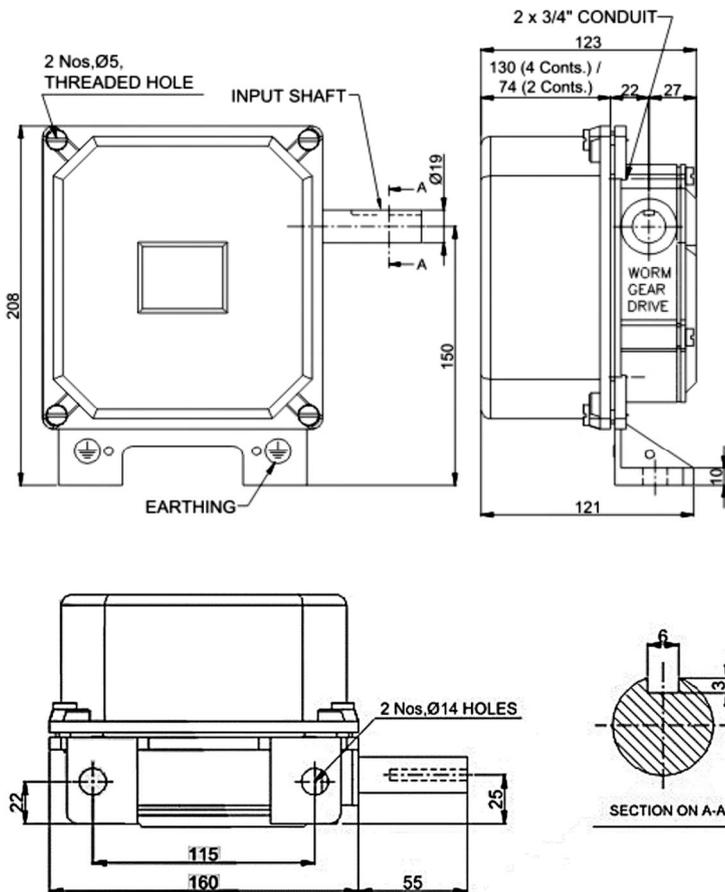
APPLICATION:

A Rotary Geared Limit Switches are suitable for use on reversing drives such as Hoists, Winches, rolling Mills and various other mechanisms used in steel plants such as Cock Oven Feeding Machinery etc.

TECHNICAL DATA	
BODY MATERIAL	ALUMINIUM DIE CAST
PROTECTION DEGREE	IP-55 Confirming to IS-13947 (PART)-1) 1993
GEAR RATIO	48 : 1 60 : 1 96 : 1
DRIVE	WORM DRIVE
CABLE ENTRIES	2 X 3/4" CONDUIT
CONTACT MATERIAL	SILVER CADMIUM
RATED VOLTAGE INSULATION	500 V.A.C.
THERMAL TEST CURRENT	10 AMPS / 40 AMPS
NO. OF CONTACTS	2 NC OR 4 NC
CAM SETTING	ADJUSTABLE

MECHANICAL DATA				
Ratio	Effective Rotation	Useful Rotation	2 Contacts Model 40A	2NO + 2NC (4 Contacts) Model 10A
48 : 1	42	40	GRLS/48/2SH	GRLS/48/4SH
60 : 1	52	50	GRLS/60/2SH	GRLS/60/4SH
96 : 1	84	80	GRLS/96/2SH	GRLS/96/4SH

Dimensions of Rotary Geared Limit Switch - Model: GRLS



Other range of limit switches as below. More models on request.



- Worm Drive Limit Switch**
 Type: FG
- Thermoplastic, Yellow cover.
 - Body: Black GFN
 - Cover: Impact-proof
 - 10A, 600VAC, IP-55, 2NO 2NC or 4 NO+4NC(max)
 - All position mounting
 - Gear ratio: 1:12.5, 1.25, 1;50, 1: 100, 1: 200 and 1: 400

- Applications: Hoists, Cranes, Winches, Rolling Mills, Coke oven, Reversing drives etc., to prevent over travel.



- Lever operated Limit Switches (10A / 40A)**
- Type: LS/1SH/1, LS/1SH/2, LS/2SH/2, LS/2SH/3, LS/2SE/4, etc.,
 - Contacts: 1 / 2 / 3 / 4 – as required.
 - Lever position: Up / Down. Alterable to required position at site.
 - Applications: CT/ LT of E.O.T Crane, Elevator, to prevent over travel

- Gravity / Counter Weight Limit switch (with rope, clamps & spare dead weight)**
 Type: CWLS/1SH/1, CWLS/1SE/2, CWLS/1SE/3, etc.,



- No. of contact: 2 / 4
- 500VAC, 10A / 40A, IP-55
- Aluminum Die cast body Powder coated
- Applications: to prevent Over hoist motion