ITEM NO. : 36

ITEM : BELTSWAY SWITCHES REFER OUR G. A. DRG. NO.RBSWP-1000

PRINCIPLE OF OPERATION:

The Belt sway switch is used for sensing the swaying of the conveyor Belts due to uneven loading, worn roller surfaces etc., The switch is to be mounted in the near vicinity of the conveyor belt with a small clearance between contact roller and the belt edge to allow normally accepted swaying. When swaying exceeds allowable limit, the belt edge would push the contact roller which in turn would actuate the switch. When the swaying stops the switch would automatically reset under the action of a resetting spring. This spring would also cushion the hard shocks received by contact roller from the belt. This is done to thoroughly ensure that the internal limit switch is free from mechanical shocks in order to facilitate long trouble free service.

SPECIFICATIONS :

1.	Item	:	Belt sway Switches
2.	Service	:	To mention
3.	Op. pressureKg/Cm2g/ temp.° C/ Sp Gr.	:	ATM / 50 ° C / To mention
4.	Enclosure	:	Cast aluminium weatherproof

CONSTRUCTIONAL FEATURES :

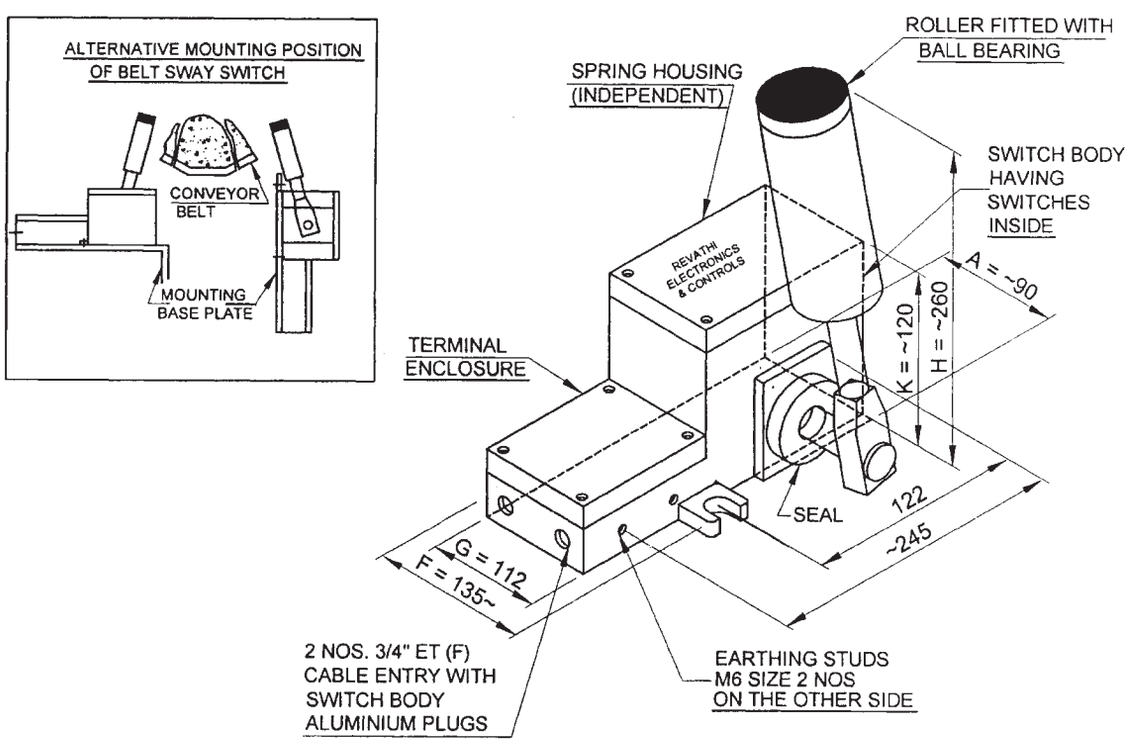
Provision would be made to fit the roller shaft in two positions 90° C apart w, r to the cam shaft so that the switch can be mounted either horizontally or vertically on the side support frame of the conveyor.

The resetting spring mechanism would be in such a way so as to enable easy replacement at site without dismantling or disturbing the setting. The limit switch would have all metallic parts chrome plated to withstand aggressive environment.

TECHNICAL SPECIFICATIONS :

1.	Switch action	:	Manual reset type.
2.	Switch type / contact rating / form	:	Micro, 230 VAC 10 A (1 NO + 1 NC) OR (2 NO + 2 NC) potential free
3.	Wiring & Termination	:	Will have provision to terminate terminals of 2.5 Sq. mm copper. The terminal box will have separate cover and thus protecting the actuating mechanism. Cable entry would be ¾" ET 1 'NO' and 1 'NC' contacts would be brought out to the terminals. The lamp supply terminals would also be brought on to the terminals.
4.	Mounting	:	The Unit would be suitable for both vertical and horizontal mounting. Switches Mounted on the sides of the conveyor belt, would be bolted to fabricated supports of the frame.
5.	Qty.	:	To Mention

BELTSWAY SWITCH



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