

OTHER CONVEYOR SAFETY PRODUCTS

ZERO SPEED SWITCH

ELECTRODYNAMIC TYPE

APPLICATION : Speed monitoring of conveyors.

ELECTRODYNAMIC MODEL Series RM-101

Two C/O contacts. One Effective for clockwise And other for anticlockwise Rotation
Actuation speeds from 30-3000 RPM in 6 ranges
30-100, 50-200, 100-300, 200-600, 500-1500, 1000-3000 RPM

OPTIONAL ACCESSORIES :

Standard / Heavy Duty coupling, 'L' type mounting bracket, Extension stand having Ø100 mm rubber roller

ORDERING INFORMATION :

Model, Accessories, Linear Belt speed in mtr/sec or speed range in RPM.



For more details refer to works.

ROTARY CAM LIMIT SWITCH Series SW-407

APPLICATION :

To provide adjustable cam control for Angular/Vertical/Longitudinal movements of Hoists, Cranes, Wagons etc.

SPECIAL FEATURES :

- Models upto 12 cams available
- One contact element (1NO + 1NC) per cam.
- All cams independently adjustable.
- Ball bearing mounted cam shaft.
- With/without built on gear reducer.

ORDERING INFORMATION :

No. of Cams, Cam Program, With/Without Gear Reducer, Gear ratio (if with gear reducer)



For more details refer to works.

BELT TEAR SWITCH Series SW4321E22P

CONSTRUCTION

A set consists of

- a) Pair of monitoring units with mounting frame.
- b) Pair of sensor ropes-each 5mtrs. long.
- c) Rope clamps - 08 Nos.
- d) Hooks - 02 Nos.

MONITORING UNITS

Enclosure : Cast Aluminium

Degree of Protection : IP65

Actuation : By splinters of the torn belt.

Reset : Manual

Contact Arrangement : 2 NO + 2 NC

Contact Rating : 10 Amp. Res. @110/240 V AC 50 Hz



To Detect Torn Belt Condition
& Provide Tripping / Warning Command

BELT WATCH SOPHISTICATED 2-WIRE SYSTEM TO MONITOR CONVEYOR SAFETIES

APPLICATION :

Jayashree has now introduced "BELT WATCH" - the sophisticated monitoring system that is simple, cost effective and most importantly - highly reliable for instant monitoring of operated switch.

The system can be offered in three basic configurations :

1. Control Panel for each conveyor, incorporating the Master Cum Display Unit, Power Supply, and other auxiliary switchgear. This is designed for installing at the head of the conveyor.
2. Control Panel as above however suitable for monitoring a group of conveyors. This is to be installed at a convenient location to suit site supervision.
3. Central Control Panel to monitor the safety switches on all the conveyors of a material handling installation. This is installed in the main control room.



In our search for excellence there is no finishing line.
We are committed to all round development with focus on

Quality Reliability Integrity



JAYASHREE ELECTRODEVICES PVT.LTD.

OUR PRODUCTS

Control & Automation

- PM Brushless Servo Motors
- Digital Servo Drives
- Tachogenerators
- Selsyns

Conveyor Safety

- Electrodynamic Speed Switches
- Pull Cord and Belt Sway Switches
- Roller and Rotary Cam type Limit Switches
- Belt Speed and Loading Monitors.
- Belt Tear Switch
- Belt Watch

The World of JAYASHREE

It all began in 1972 when the first Jayashree product "Electrodynamic Speed Switch" was patented. The dream of import substitution was realized in those first euphoric days of Indian Industrial Expansion. This laid the technological foundation for the proprietary Company "JAYASHREE ENTERPRISES."

From this modest beginning sprung up a stream of products at a steady and sustained rate.

By 1980, a range of Belt conveyor safety switches inclusive of Pull Cord, Belt Sway, Roller Limit, De-interlocking, Rotary Cam & Centrifugal Speed Switches was introduced in the market. Each product contributing to the reliability & safety of material handling systems.

To facilitate this growing product range, "JAYASHREE ELECTRODEVICES Pvt. Ltd." came into being in 1994 and took over manufacturing of Electro Mechanical Products from the proprietary parent company.

The development now reached a new high, giving birth to sophisticated product such as BELTWATCH (Remote Indication System) and Control & Power products such as Selsyns, Tachogenerators, PM Brushless Servo Motors with matching Digital Control Drive.

Jayashree has, over the years come to be associated with impeccable Quality reflected in the complete confidence reposed in us by our satisfied customers.

We look to the future with supreme confidence armed with Seventy strong team of highly trained and dedicated work force backed by modern R&D and production facilities spread over an area of 3000 sq.mtrs.

जयश्री

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Website : www.jayashree-electrodevices.com
www.jayashree.in



जयश्री

SAFETY SWITCHES

For Bulk Material Conveyors



Applications

- Thermal Power Plants
- Chemical & Fertilizer Plants
- Coal Handling Plants | Port Trusts
- Cement Plants | Steel Plants

Constructional Features

Switches available in Die Cast Aluminum enclosure in sophisticated as well as economic versions.

Switches are also available in Industrial Polymer Enclosure to withstand Chemical / Fertilizer / Saline (Seashore) environment.

Metallic enclosures are epoxy painted by electrostatic powder coating technique.

Effective sealing is provided by specially designed Nitrile Rubber gaskets for the covers and shaft entries to achieve IP65 grade of protection.

SS screws captive in covers to ensure proper retightening after opening for inspection / wiring etc.

Built in terminal box for sophisticated models, incorporating moulded stud type terminals for easy wiring / looping.

Switching elements have Silver-Cadmium alloy tipped contacts with double break and wide contact separation for optimum switching performance.

Threaded cable entries are provided to suit single / double compression type cable glands. (Cable glands on request at extra cost)

More than three decades In the field of conveyor safety & industrial control

PULL CORD SWITCH

Series SW-403

SPECIAL FEATURES :

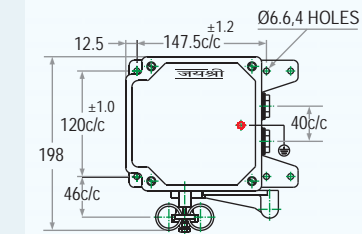
- Unique toggle type mechanism provides snap action and local manual reset for model SW-4038
- CAM type mechanism provides normal action with separate resetting lever for model SW-4037
- Operating lever carries rings for convenient pull cord termination
- Grade of protection IP-65
- Standard contact Rating -10 amp Resistive at 110 / 240 / 500V, AC 50Hz
- Supply Voltage for Signal Lamp : 24/110/240V, AC 50Hz

Ordering Code for Model SW-4037 with 1-0-1 Operating Positions :

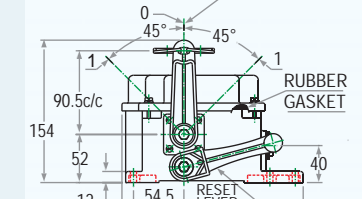
Enclosure	Indication		Contact Combination
	Local	Remote	
Die Cast Al. Without TB - E	Built On Signal	Sensor Module	1NO+1NC - 11 2NO+2NC - 22 1NO+3NC - 13
With TB - H	Lamp - L		
Ind. Polymer : Without TB - EC			
With TB - HC			

Enclosure	Indication	Contact Combination
SW-4037		

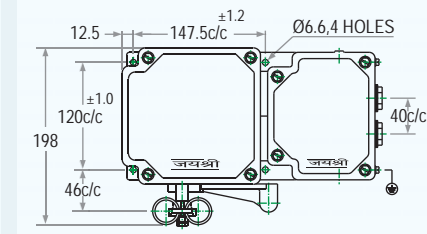
ORDERING EXAMPLE : SW-4037E11 / SW-4037HCL22



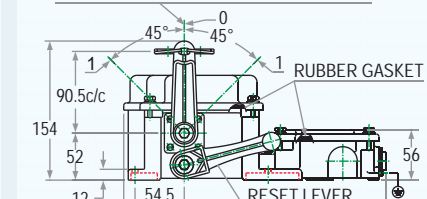
NORMAL POSITION OF OPERATING LEVER.



TYPE : SW-4037EC



NORMAL POSITION OF OPERATING LEVER.



TYPE : SW-4037H

BELT SWAY SWITCH

Series SW-402

SPECIAL FEATURES :

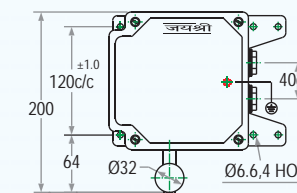
- Ball / Bush bearing options for roller & cam shafts
- Wide over travel of the roller permissible without damaging the switch element
- Robust spring to absorb impact from belt and effect quick self resetting
- Grade of protection IP-65.
- Standard contact Rating -10 amp. Resistive at 110 / 240 / 500V, AC 50Hz
- Supply Voltage for Signal Lamp : 24/110/240V, AC 50Hz

Ordering Code for Model SW-4027 with 1-0-1 Operating Positions :

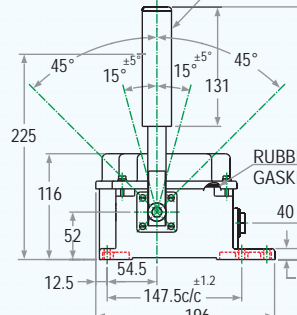
ENCLOSURE	INDICATION		CONTACT COMBINATION
	Local	Remote	
Die Cast Al. Without TB & with Bush Bearing - E	Built On Signal	Sensor Module	1NO+1NC - 11 2NO+2NC - 22 1NO+3NC - 13
With TB & with Bush Bearing - T	Lamp - L		
With TB & with Ball Bearing - H			
Ind. Polymer : Without TB & with Bush Bearing - EC			
With TB & with Bush Bearing - TC			
With TB & with Ball Bearing - HC			

Enclosure	Indication	Contact Combination
SW-4027		

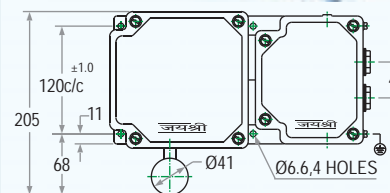
ORDERING EXAMPLE : SW-4027E11 / SW-4027HC22



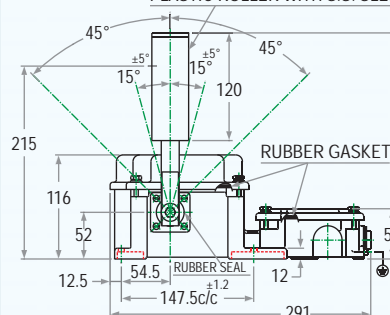
PLASTIC ROLLER WITH S.S. SLEEVE



TYPE : SW-4027EC



PLASTIC ROLLER WITH S.S. SLEEVE



TYPE : SW-4027H

HEAVY DUTY LIMIT SWITCH

Series SW-404

SPECIAL FEATURES :

- Ball/Bush bearing options for cam shafts
- Wide over travel of the roller permissible without damaging the switch element
- Robust spring to absorb impact from belt and effect quick self resetting
- Grade of protection IP-65.
- Standard contact Rating -10 amp Resistive at 110 / 240 / 500V, AC 50Hz

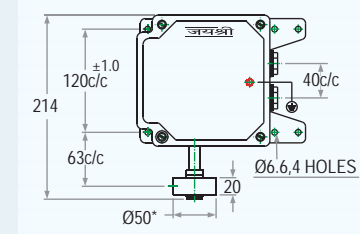
Ordering Code for Model SW-4042 with 1-0-1 Operating Positions :

Enclosure	Ind. Polymer :	Contact Combination
Die Cast Al. Without TB & with Bush Bearing - E	With TB & with Bush Bearing - T	1NO+1NC - 11 2NO+2NC - 22 1NO+3NC - 13
With TB & with Ball Bearing - H	With TB & with Ball Bearing - HC	

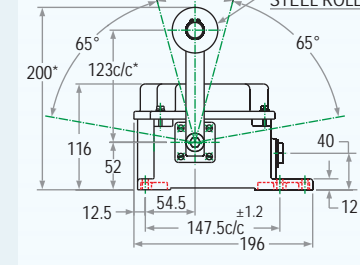
Enclosure	Contact Combination
SW-4042	

ORDERING EXAMPLE : SW-4042E11 / SW-4042HC22

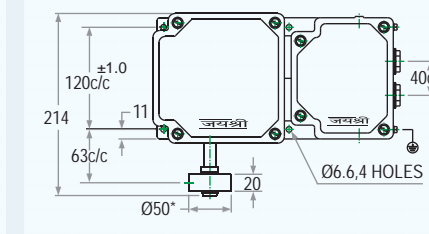
* Refer to works for special Length and Diameter of Roller



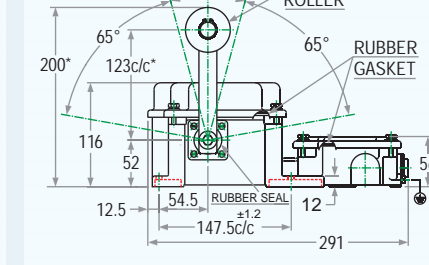
STAINLESS STEEL ROLLER



TYPE : SW-4042EC



STAINLESS STEEL ROLLER



TYPE : SW-4042H

TOGGLE LIMIT SWITCH

Unique Toggle Type Actuation Mechanism

SPECIAL FEATURES :

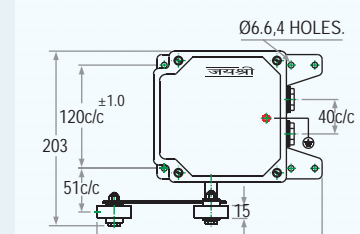
- Action stayput
- Grade of protection IP-65
- Standard contact Rating -10 amp Resistive at 110 / 240 / 500V, AC 50Hz

Ordering Code for Model SW-4018 with 1-0 Operating Positions :

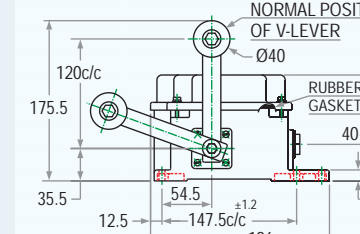
Enclosure	Ind. Polymer :	Contact Combination
Die Cast Al. Without TB - E	With TB & with Bush Bearing - H	1NO+1NC - 11 2NO+2NC - 22
With TB - H	With TB - HC	

Enclosure	Contact Combination
SW-4018	

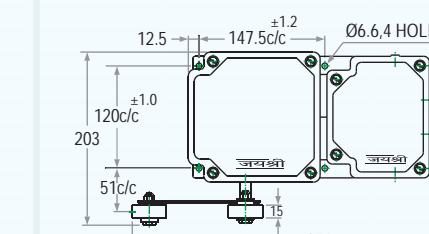
ORDERING EXAMPLE : SW-4018E11 / SW-4018HC22



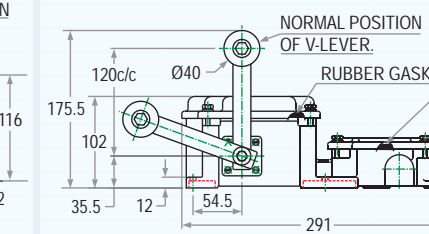
NORMAL POSITION OF V-LEVER



TYPE : SW-4018EC



NORMAL POSITION OF V-LEVER



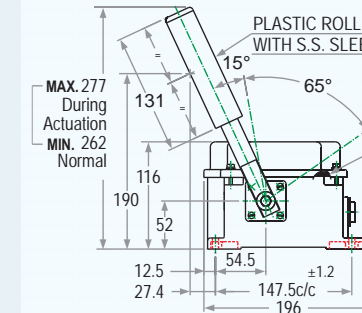
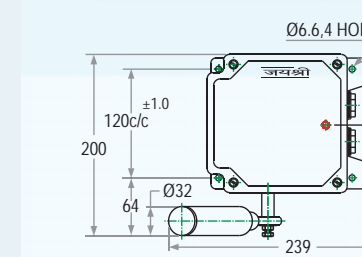
TYPE : SW-4018H

Ordering Code for Model SW-4028 with 1-0 Operating Positions :

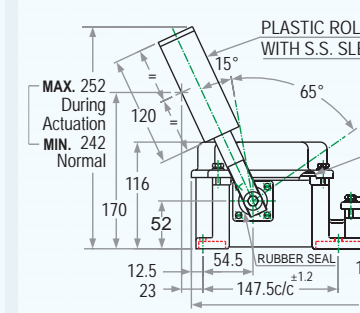
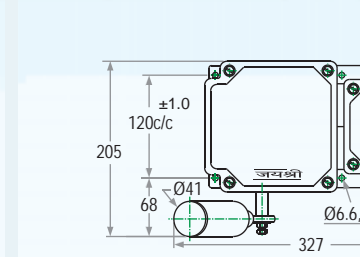
Enclosure	Mechanism	Indication	Contact Combination
Die Cast Al. Without TB & with Bush Bearing - E	Ind. Polymer : Without TB & with Bush Bearing - EC	Standard - No Code	1NO+1NC - 11 2NO+2NC - 22 1NO+3NC - 13
With TB & with Bush Bearing - T	With TB & with Bush Bearing - TC	Magnet Operated	
With TB & with Ball Bearing - H	With TB & with Ball Bearing - HC	Reed Switch - R (only for Models with TB)	
		Built On Flag Indicator - A	
		Built On Signal Lamp - L	

Enclosure	Mechanism	Indication	Contact Combination
SW-4028			

ORDERING EXAMPLE : SW-4028E11 / SW-4028HCR22
Specify if roller is required with ball bearing support for models E & T.



TYPE : SW-4028EC



TYPE : SW-4028H



TYPE : SW-4028EC



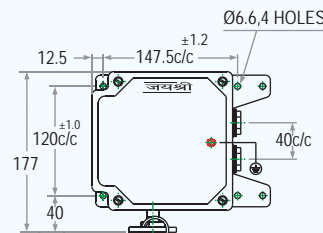
TYPE : SW-4028H

Ordering Code for Model SW-4038 with Unique Toggle Mechanism & 1-0 Operating Positions :

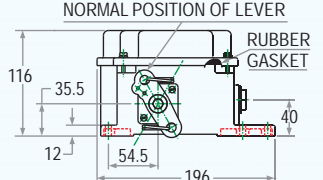
Enclosure	Mechanism	Indication		Contact Combination
		Local	Remote	
Die Cast Al. Without TB - E	Standard - No Code	Built On Flag - A	Sensor Module	1NO+1NC - 11 2NO+2NC - 22 1NO+3NC - 13
With TB - H		Indicator		
Ind. Polymer : Without TB - EC	Magnet Operated	Built On Signal		
With TB - HC	Switch - R (only for Models with TB)	Lamp - L		

Enclosure	Mechanism	Indication	Contact Combination
SW-4038			

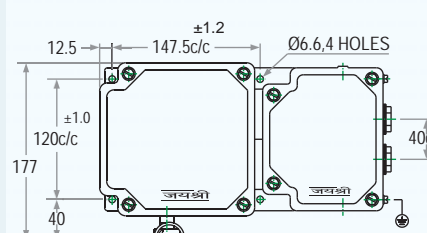
ORDERING EXAMPLE : SW-4038EA11 / SW-4038HCR22



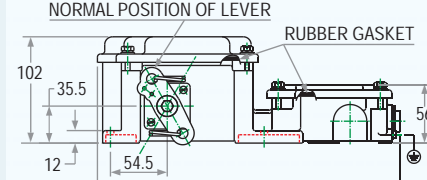
NORMAL POSITION OF LEVER



TYPE : SW-4038EC



NORMAL POSITION OF LEVER



TYPE : SW-4038H