

# INDUSTRIAL CRANE CONTROL EQUIPMENTS



Automobile Industrial



Chemical Industrial



Power House



Mines Industrial



Port & Shipyard



Crane Industrial



Paper Industrial

# Bolt Joint DSL Busbar System

(W Type 60-800 Amps) 4.5 Mtr. Long

- Max. working temp 80\* C
- Safe movement
- Quick & Easy Installation
- Finger safe / Touch proof
- Suitable for indoor and outdoor installation
- Expansion Join can be provided on request

Conductor Busbar System	Galvanized	Copper	Aluminium /SS
Current (A)	60-125 amp	100-250 amp	125-400 amp



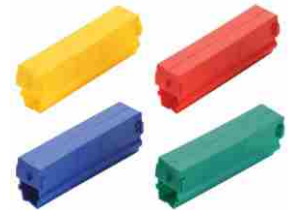
4 Pole Hanger (W Type)



3 Pole Hanger



1 Pole Hanger



Joint Cover



End Power Feed



End Cap



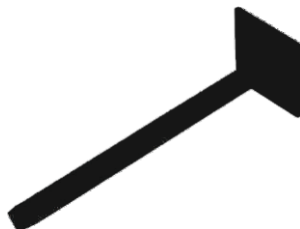
Steel Jointer



Copper Jointer



Mounting Angle



Single Collector Bracket

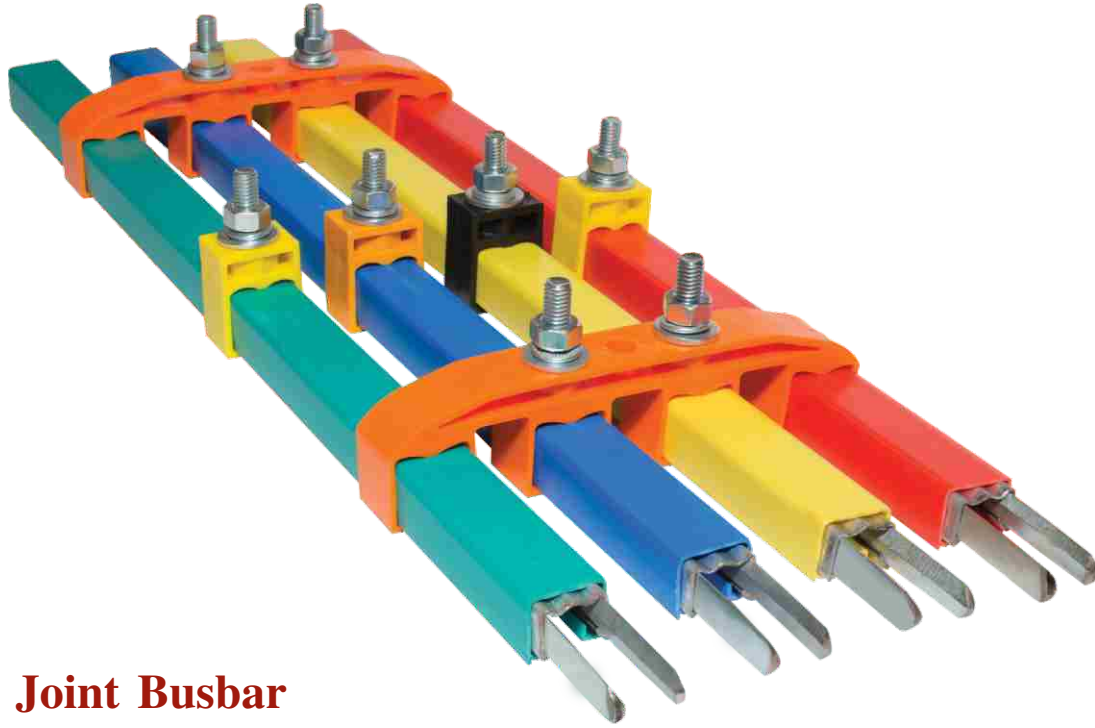


250 A Current Collector



125 A Current Collector

# Pin Joint DSL Busbar System



## Pin Joint Busbar

(M Type 80-125 Amps) 4 Mtr. Long

- Max. working temp 80\* C
- Safe movement
- Quick & Easy Installation
- Touch proof, no exposed live part
- Suitable for indoor and outdoor installation

Conductor Busbar System	Galvanized
Current (A)	80-125 amp



4 Pole Hanger (M Type)



1 Pole Hanger



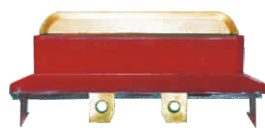
Joint Cover



Copper Shoe with Holder



Mounting Angle



Copper Shoe With Cover

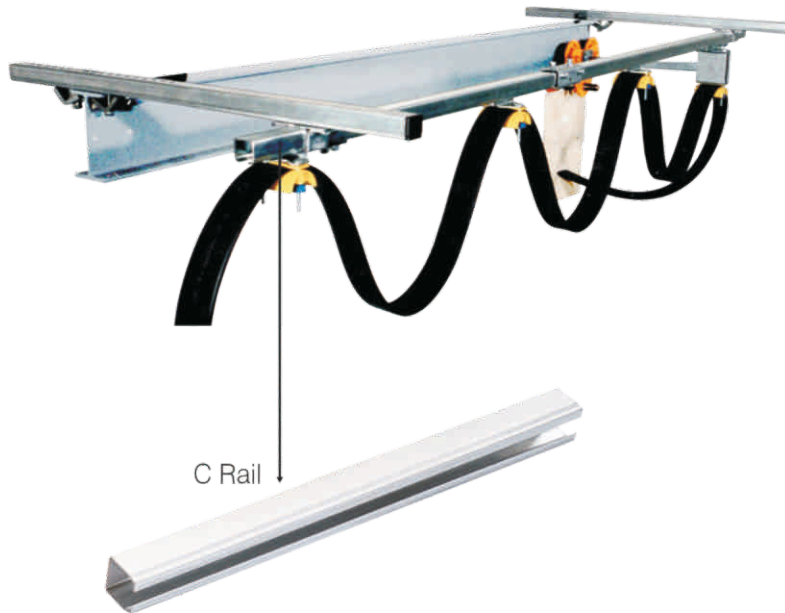


250 A Current Collectors



125 A Current Collector

## C Rail Festoon System



Festoon system are used to manage electrical cable on over head cranes for transmission of power & control cables. They are low resistance method for distributing power to hoists, cranes, trolleys and any number of different types of moving equipment.

### APPLICATION

- Overhead Cranes & Port Cranes
- To Electrify many mobile equipments
- Any other material handling equipments

### FEATURES

- Light Weighted
- Less Friction Smooth Motion
- Simple & safe installation

### Accessories

- C-Track Channe
- Hanger Clamp
- Track Couplers
- Cable Trolley
- Square Clamp
- Towing Trolley
- Fix Trolley
- Mounting Angle



Square Clamp



Hanger Clamp



Track Couplers



Towing Trolley



Mounting Angle

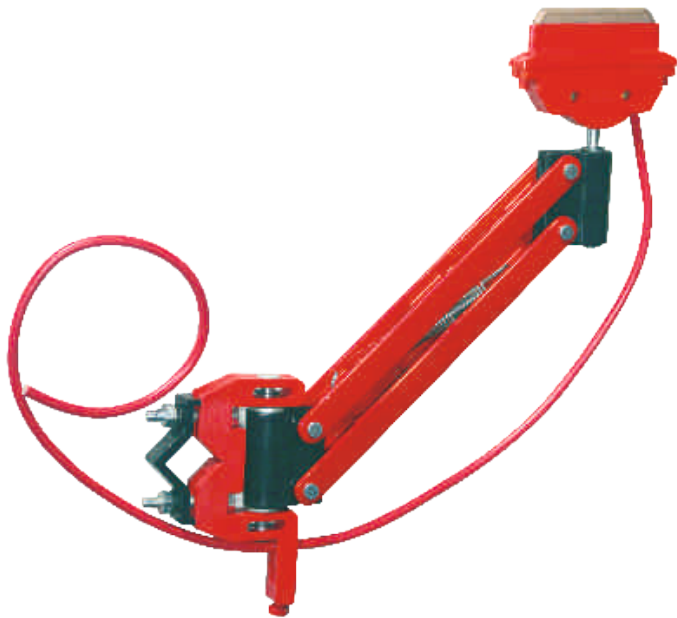


Cable Trolley



Fix Trolley

## Current Collector For EOT Crane



Current Collector ( 60 Amps To 125 Amps )

- Current collector is capable of moving on railcar, Over head traveler and tower crane.
- Our current collector fulfill all requirements of our customer.
- Detailed analysis and research is done.
- Our entire range is corrosion resistant and provide long lasting performance.
- 100% parts are manufactured using premium quality components and high technology.
- We are leading manufacture in all over india.
- Manufacturer of current collector. current collector head.
- copper shoes of current collector.
- Also available as spare component.



Current Collector ( 250 Amps To 400 Amps )

### Features

- Easy and Safe to connect
- Top Quality
- Economical Prices
- High Strength
- Better Performance
- Compact Size
- Good Control
- Power Efficient
- Touch Proof
- Safe to Handle

## Lever Limit Switch



Lever Limit Switch is used for heavy duty E.O.T. Cranes. Wagon shunting devices etc., to prevent over traveling or over traversing on power control circuit up to 500 volts A.C. 50 Hz and 10 amps and 40 amps current rating.

Body Material	: Aluminium Casting
Enclosure	: IP-54
Mounting Position	: Vertical
Cable Entry	: ¾" Conduit
Rated Voltage	: 500 V
Thermal Test Current	: 40 Amp
No. of Contacts	: 2 / 3 / 4
Mode of Operation	: 2 way self resetting

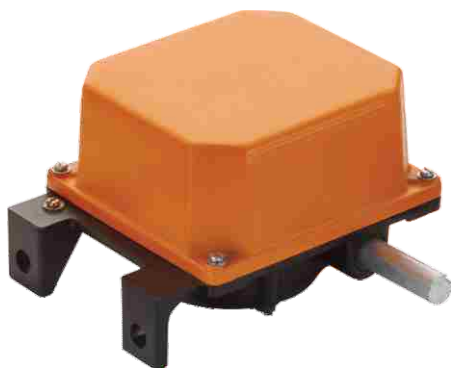
## Gravity / Counter Weight Limit Switch



Weight operated limit switches are used on control / power circuit of reversing drive so as to limit their rotation / movement within a predetermined position.

Body Material	: Powder Coated Aluminium Die Cast
Degree of Protection	: IP-55
Mounting Position	: Floor
Cable Entry	: 2, ¾" Conduit
No. of Contacts	: 2 / 3 / 4
Contact	: Double break silver cadmium
Wire Connection	: Screw Terminal
Rated Voltage Insulation	: 500 V A.C.
Thermal Test Current	: 10/40 Amps
Operation	: 720 Hours

## Rotary Gear Limit Switch



Rotary Gear Limit Switch is basically consists of heavy duty worm gear drive. The worm gear unit is built in a cast housing fitted on main body of limit Switch. The cam shaft which extends from behind the gear in to housing, accommodates the cams adjustable actuators. which are fitted on the cams. These actuators strikes the contact finger of respective contacts.

Body Material	: Aluminium Die Cast
Degree of Protection	: IP-55
Gear Ratios	: 1:48, 1:60
Drive	: Worm Drive
Cable Entry	: Conduit
Rated Voltage Insulation	: 500 V A.C.
Thermal Test Current	: 10/40 Amps
No. of Contacts	: 2, 4, 6 Maximum

## Master Controller



Master Controllers are used for operation of contractor's equipment controlling E.O.T. Cranes & Rolling mills drives. The controllers are made in dust proof enclosure in IP-54 degree of protection, up to 6 notches either side with maximum 24 contacts as per desired sequence with spring return arrangement & deadman's handle arrangement are available. Master controllers are compact up to 4-0-4 step suitable for Grab-Hoist, CT-LT maximum contacts 16 per motion with spring return arrangement.

Body Material	: M.S. Sheet
Enclosure	: IP-44 / IP-54
Mounting Position	: Horizontal / Vertical
Rated Voltage	: 500 V
Cable Entry	: 2 x 20 / 2 x 26 Conduit
Thermal Test Current	: 40 Amp
Frequency of Operation	: 1000 switching per hour
No. of Contacts	: 24 Maximum
No. of Step	: 6-0-6 Maximum
Optional Arrangement	Spring Return / Deadman's Handle
Contact Material	Silver Cadmium

## Anti-Collision Device



### COLLISION AVOIDANCE SYSTEM FOR CRANE AND MOVING MACHINERIES

The Anti-Collision system is a safety device to avoid to collision of two electric overhead traveling cranes working on the same rails. For one pair of cranes two sets of anti-collision systems are required. Each set consists of an Emitter/sensor module and a Reflector.

Model No.	ACD -03	ACD-10
Supply Voltage AC	230V / 110 V (User Selectable)	230V / 110 V (User Selectable)
No. of Set Points	Single	Single
No. of Output/Relay	Single Relay / Single Output	Single Relay / Single Output
Contacts Rating	3 Amps (Max.) at 220 V AC	3 Amps (Max.) at 220 V AC
Dimensions in mm	180 x 145 x 55	180 x 145 x 55
Reflector Size in mm	130 x 75	130 x 75
Housing	Metal Housing	Metal Housing
Range	0 - 3 Mtr.	3 - 10 Mtr.



H.O. Jadav -  74869 19990

- ▶ EOT, HOT Crane
- ▶ Electric Hoist
- ▶ DSL Busbar System
- ▶ C-Rail (Festoon) System
- ▶ Cable Carrier
- ▶ Crane Spare

*Speed* **Fast**  
**Industries**

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