



Shree Balaji Stores & Hardware



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**Infront of BSBK House,
Nandini Road, Power House
Bhilai**



mantry.surendra@gmail.com



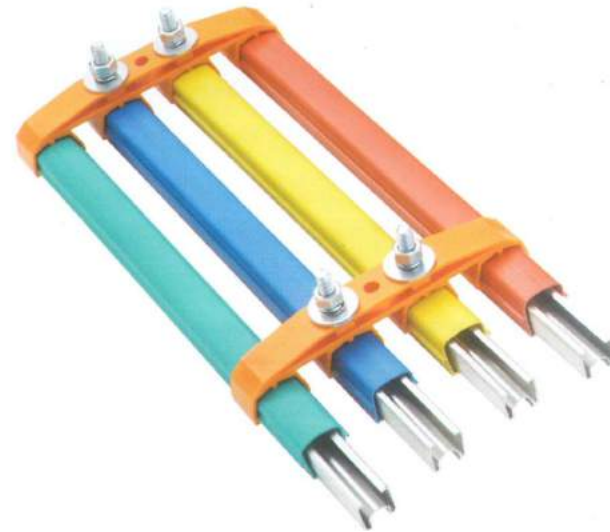
**Industrial Crane
Control Equipments**

DSL Shrouded Busbar System

Bolt Joint Busbar

(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 joint can be provided on request
- Individual Phase
- Multiple Crane Move on one bay length
- Curved path available
- No breakdown
- Individual Accessories parts Available



Conductor Busbar System	Galvanized	Copper	Aluminium / SS
Current (A)	60-125 amp	160-800 amp	200-800 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

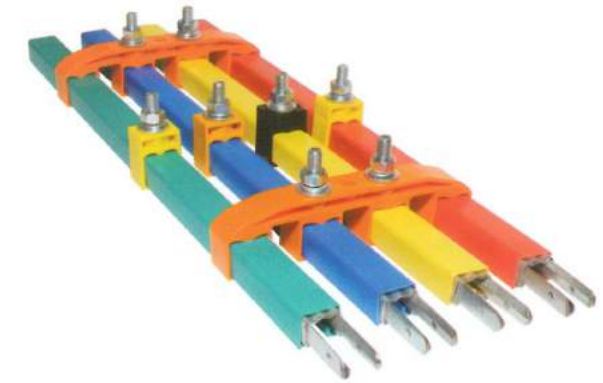


250 A Current Collectors



125 A Current Collector

Technical Data For W Type BOLTED JOINT Conductor System								
Conductor Bar System	Galvanized Steel			Copper			Aluminium / SS	
Nominal Current (A) At 100% Duty and 35°C	60	100	125	160	250	400	200	315
DC resistance (Ω/M) At + 35°C	0.003584	0.002867	0.001933	0.000342	0.000274	0.000184	0.000301	0.000261
Impedance (Ω/M) At + 35°C	0.003604	0.002891	0.001968	0.000364	0.000300	0.000221	0.000325	0.000288
Voltage Grade [V]	600							
Support Spacing [mm]	1125							
Bar Length [mm]	4500							
Outside Dimensions [mm]	23 x 27							
Permissible Ambient Temperature	-30°C + 55°C (Standard Insulation) -30°C + 85°C (High Temperature Insulation)							



Pin Joint Busbar

(M Type 100-315 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	Copper
Current (A)	80-125 amp	200-315 amp



4 Pole Hanger (M Type)



1 Pole Hanger



Joint Cover



Copper Shoe with Holder



Mounting Angle



Single Collector Bracket



250 A Current Collectors



125 A Current Collector

Current Collector For EOT Crane



Model No. SRP CC-01

Current Collector (60Amps to 125Amps)



Model No. SRP CC-03

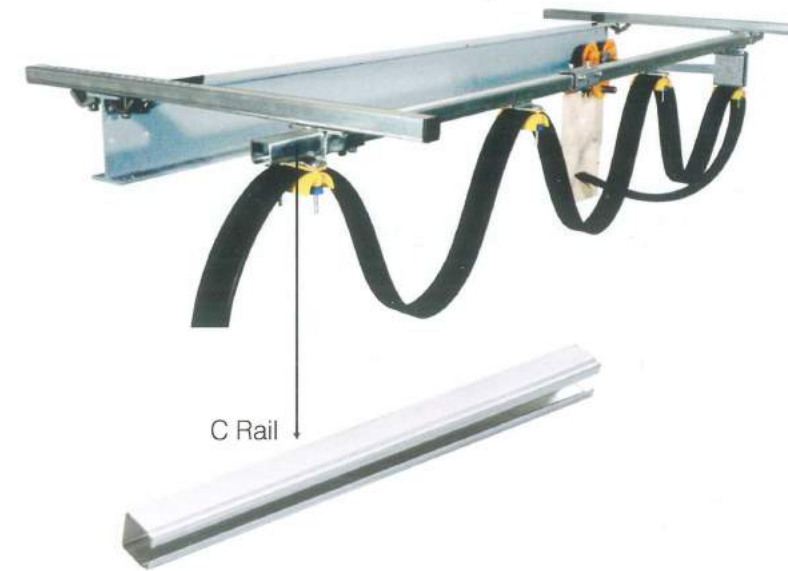
Current Collector (250Amps to 400Amps)

- 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 manufacturer in all over India.
- Manufacturer of current collector, current collector head, copper shoes of current collector.
- Also available as spare component.

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

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.

Accessories

- C Rail Size 30 x 30 mm
- Fixed end Junction Box
- Terminal Strips (Inside Junction Box)
- Cable Connection
- End Clamp
- Track hanger clamp assemble
- Intermediate Trolley
- Cross arm support channels
- Beam clamp
- (Cross arm support channels)
- C-Track channel
- Track Joint Assembly
- Penant Cable
- Tow Arm
- Tow Trolley
- Flat PVC Cable
- End Stop

APPLICATION

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

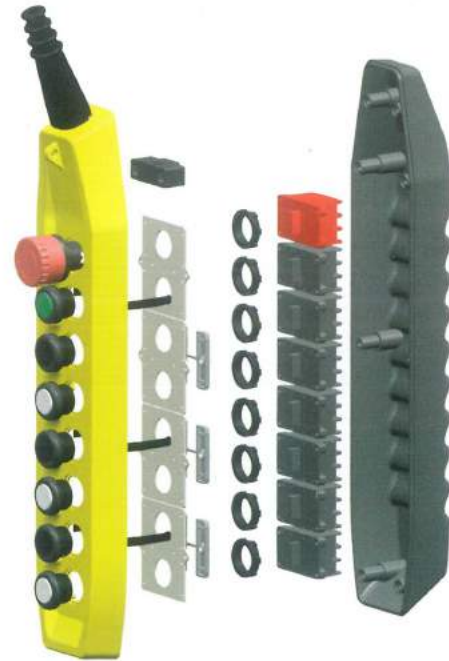
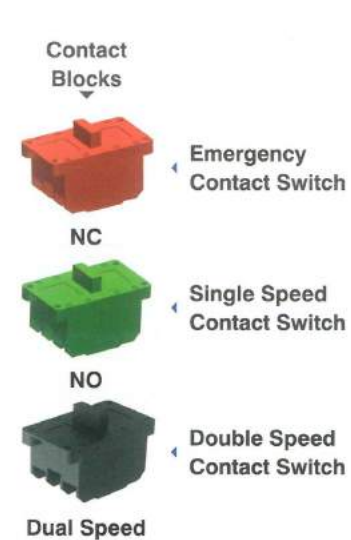
FEATURES

- Light Weighted
- Less Friction & Smooth Motion
- Simple & Safe Installation



Crane Pendant Push Button Stations

Pendant Stations for control circuits
Single Row IP65



Difference between SRP Pendant Station & Others

SRP Make	Others Make
Price (Low)	Price (High)
1 Year Guarantee	No Guarantee
I. P. 65 (100% Water Proof)	It may be rain proof not water proof
3 Step Safety	Less safety
Unbreakable (Engineering Grade Virgin Material)	Not all comes with this quality
Heavy Duty Element with Silver Contact (It Provides High Conductivity)	Mixed quality with no specification
ISO, CE Certified	Not at all / having any one or two
Each and Every Parts Made Under One Roof in Our Factory	Not in other company (Compare to us)
The Special Hand Grip of the pendant station permits operators to work in a natural position, reducing their fatigue.	Not in other company (Compare to us)
Flexible Movement of Switches with High Switching Capacity	Not in other company (Compare to us)

Single Row - Single Speed Pendant Station



<p>SRP PS-S2 2 Push Buttons with Mechanical Interlock + Emergency Stop (2+1)</p>	<p>SRP PS-S4 4 Push Buttons with Mechanical Interlock + Emergency Stop (4+1)</p>
<p>SRP PS-S6A 6 Push Buttons with Mechanical Interlock + Emergency Stop (6+1)</p>	<p>SRP PS-S6B 6 Push Buttons with Mechanical Interlock + Emergency Stop + Start (6+2)</p>

Single Row - Double Speed Pendant Station

<p>SRP PS-D2 2 Push Buttons with Mechanical Interlock + Emergency Stop (2+1)</p>	<p>SRP PS-D4 4 Push Buttons with Mechanical Interlock + Emergency Stop (4+1)</p>
<p>SRP PS-D6A 6 Push Buttons with Mechanical Interlock + Emergency Stop (6+1)</p>	<p>SRP PS-D6B 6 Push Buttons with Mechanical Interlock + Emergency Stop + Start (6+2)</p>

Wireless Radio Remote Control



TRANSMITTER

Operating Frequency	433.00 Mhz
Channel Spacing	100KHz
Modulation	GFSK
RF Power Output	10dBm
Transmitting Power Consumption	<15mA
Standby Power Consumption	<1mA
Battery Type	2 AA Size Alkaline Batteries
Operating Temperature	-20 Degree C to +70 Degree C
Transmitter Approx Weight	275 grams (without battery)
Protection Rating	IP 65

TECHNICAL SPECIFICATION

Number of Commands : 12/10/8/6 + Start/Stop + Alarm
Hamming Distance : >=6
Response Time : <24ms
Active Emergency Response Time : <24ms
Operating Range : Upto 100 meters

RECEIVER

RF Sensitivity	-100dBm
Number of Potential Free Contacts	16 + Start/Stop + Alarm
Relays	Resistive Load : 5A at 230VAC or 30VDC
Power Requirements	110VAC/220VAC
Relay Contact	8A/250VAC
Protection Rating	IP 65

F21-E1B MODEL
1 Receiver and 1 Transmitter
6 Single Buttons
1 Stop Button
1 Start Switch

F23-BB MODEL
1 Receiver and 1 Transmitter
10 Single Buttons
1 Stop Switch
1 Start Switch

F21-4S MODEL
1 Receiver and 1 Transmitter
4 Single Speed Buttons
1 Emergency Stop
1 Start Switch

F21-4D MODEL
1 Receiver and 1 Transmitter
4 Double Speed Buttons
1 Emergency Stop
1 Start Switch

F24-6D MODEL
1 Receiver and 1 Transmitter
6 Double Speed Buttons
1 Emergency Stop Switch
1 Start Switch, 1 Rotary Key

F24-8S MODEL
1 Receiver and 1 Transmitter
8 Single Speed Buttons
1 Emergency Stop Switch
1 Start Switch, 1 Rotary Key

F24-8D MODEL
1 Receiver and 1 Transmitter
8 Double Speed Buttons
1 Emergency Stop Switch
1 Start Switch, 1 Rotary Key

F24-10S MODEL
1 Receiver and 1 Transmitter
10 Single Speed Buttons
1 Emergency Stop Switch
1 Start Switch, 1 Rotary Key

F24-10D MODEL
1 Receiver and 1 Transmitter
10 Double Speed Buttons
1 Emergency Stop Switch
1 Start Switch, 1 Rotary Key

Electric Crane Cable Carrier Small & Big



Model No. SRP A-1
Wire Rope Dia 10mm
Cable Clamping Dia 7mm to 14mm

Model No. SRP A-2
Wire Rope Dia 15mm
Cable Clamping Dia 16mm to 20mm

Model No. SRP A-3
Wire Rope Dia 15mm
Cable Clamping Dia 7mm to 14mm

Model No. SRP A-4
Wire Rope Dia 10mm
Cable Clamping Dia 16mm to 20mm

Model No. SRP A-5
Wire Rope Dia 10mm
Cable Clamping Dia 7mm to 14mm



Model No. SRP B-1
Wire Rope Dia 10mm
Round Cable Dia 26mm

Model No. SRP B-2
Wire Rope Dia 10mm
Big Round Cable Dia 36mm

Model No. SRP B-3
Wire Rope Dia 15mm
Round Cable Dia 26mm

Model No. SRP B-4
Wire Rope Dia 15mm
Big Round Cable Dia 36mm



Model No. SRP B-5
Wire Rope Dia 10mm
Round Cable Dia 26mm

Model No. SRP B-8
Wire Rope Dia 15mm
Round Cable Dia 36mm

Model No. SRP C-1
Wire Rope Dia 10mm
Single Cable Flat 15mm to 35mm

Model No. SRP C-3
Wire Rope Dia 15mm
Single Cable Flat 15mm to 35mm

Electric Crane Cable Carrier Metal Small & Big



Model No. SRP D-1
Wire Rope Dia
10mm
Cable Clamping Dia
13mm to 18mm



Model No. SRP D-2
Wire Rope Dia
15mm
Cable Clamping Dia
13mm to 18mm



Model No. SRP E-1
Wire Rope Dia
10mm
Metal Cable Clamping Dia
15mm to 33mm



Model No. SRP E-3
Wire Rope Dia
14mm
Cable Flat / Round Dia
7mm to 50mm



Model No. SRP F-1
Wire Rope Dia
10mm
Metal Cable Clamping Dia
13mm to 18mm



Model No. SRP F-2
Wire Rope Dia
10mm
Metal Cable Clamping Dia
7mm to 14mm



Model No. SRP F-3
Wire Rope Dia
10mm
Metal Single Cable Flat
26mm to 36mm



Model No. SRP F-4
Wire Rope Dia
10mm
Metal Single Cable Flat
15mm to 35mm



Model No. SRP G-1
Wire Rope Dia
10/15mm
Cable Hook Dia
20mm Maximum



Model No. SRP G-2
Wire Rope Dia
10mm
Metal Cable Hook Dia
20mm Maximum

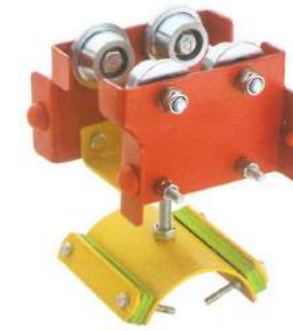


Model No. SRP G-5
Wire Rope Dia
15mm
Metal Cable Hook Dia
20mm Maximum



Model No. SRP G-6
Wire Rope Dia
10mm
Metal Cable Hook Dia
20mm Maximum

I/T-Beam Cable Trolley



- Quality : High Quality Material
- Usage : For Round & Flat Cable
- Ideal Usage : For I/T Beam of Over Head Cranes
- Size : 52 mm to 100 mm

Rope Wheel / Elevator Wheel / Gym Wheel



Model No. SRP Gym-1
SRP Rope Wheel,
Elevator Wheel &
Gym Wheel
Dia - 2.75 Inch



Model No. SRP Gym-2
SRP Rope Wheel,
Elevator Wheel &
Gym Wheel
Dia - 3.50 Inch



Model No. SRP Gym-3
SRP Rope Wheel,
Elevator Wheel &
Gym Wheel
Dia - 4.00 Inch



Model No. SRP Gym-4
SRP Rope Wheel,
Elevator Wheel &
Gym Wheel
Dia - 5.00 Inch



SRP - Metal Wheel

2 Inch x 1 Inch to 5 Inch x 5 Inch
Type : V Groove and U Groove
Available in all different size as per your requirement
and also available in Double Bearing

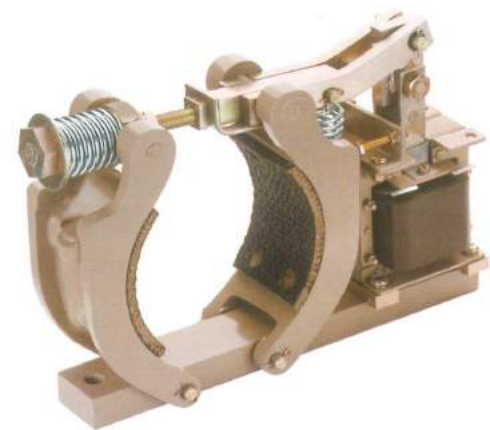
Construction Hand Operated Winch

SPECIFICATION

- Heavy metal body
- Weight Capacity: 500kg to 1000 kg



AC Solenoid Brake



AC Solenoid Brake that are suitable for AC supply up to 440 volts, and are available for a wide range of drum sizes from 100mm to 380mm Dia. We stand in the midst of prominent electromagnetic brakes suppliers based in India.

FEATURES

- Class F insulation of the coil
- Continuous & intermitted duty
- Long life & ease of maintenance
- Ideally suited for applications such as : Cranes, Hoists, Machines, Valves, Conveyers

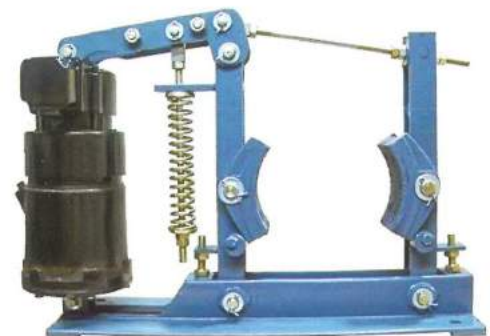
AC BRAKES

- 4 | 5.5 Inch Dia
- 7 Inch Dia

SOLENOIDS

- Type: SLB-25 mm stroke length
- Type: SLB-31.4 mm stroke length

Thruster Brakes



Thruster brake is a device to retard the speed of moving machinery and to stop it accurately to the desired position. Our mill duty Thruster Brakes are suitable for 440 Volts, 3 Phase A.C. supply for a wide range of drum sizes, from 100mm to 600mm dia. Higher sizes can also be supplied against specific requirements.

FEATURES

- Good designs and manufacturing processes ensure reliable product.
- Ease of maintenance and replacement of brake shoes without dismantling the brake.

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 and 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	: 3/4" 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 drives 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, 3/4" 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

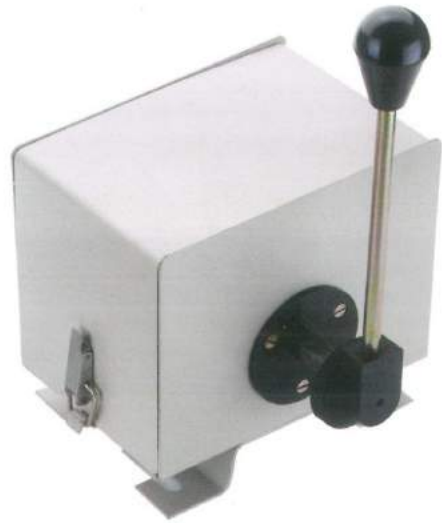
Rotary Gear Limit Switch



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	Cable Entry	: 3/4" Conduit
Degree of Protection	: IP-55	Rated Voltage Insulation	: 500 V A.C.
Gear Ratios	: 1:48, 1:60	Thermal Test Current	: 10/40 Amps
Drive	: Worm Drive	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.

3 Phase DSL Indicating Lamp

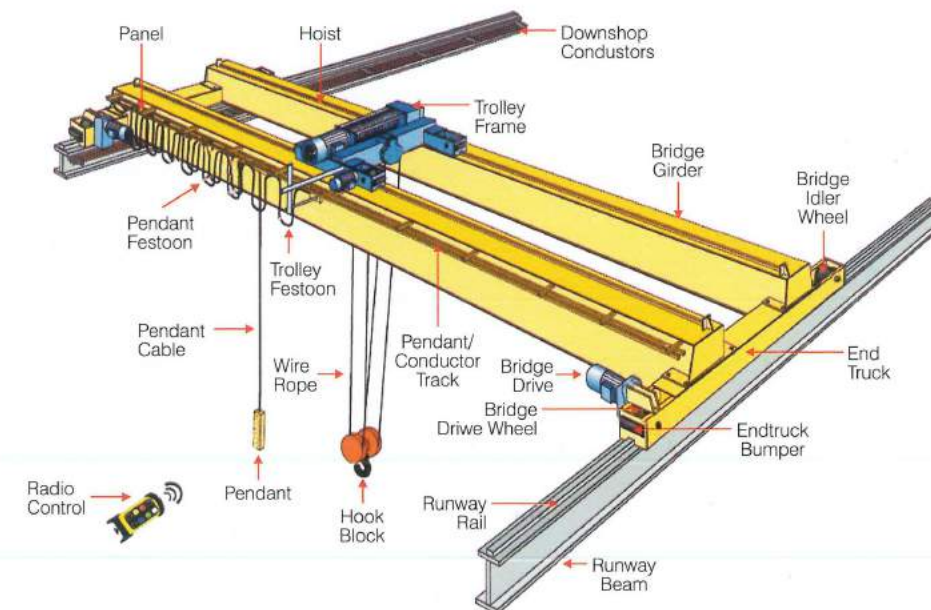


Bus-bar 3 Phase power indication approach towards Crane Bus-bar 3 Phase power indication for overhead cranes. It is a vibration-resistant. Solid-state LED based unit which provides long maintenance free operating life.

- Extremely low power consumption of <5 Watts / Phase.
- Use of ultra-bright LED for Omni directional view from long distances.
- Clear indication of phase energized status of supply on the adjacent bus-bar.
- So there is no confusion to plant personnel.
- Low cost replacement of incandescent lamps which are generally used for this application.

Operation Temperature	20° to + 85° C (optional on demand)
Operating Power	4.5 Walts / Phase
Supply Voltage	4 Terminal wiring with one common Neutral and three phase wiring
Color	Optional RYB or RYG

Crane Arrangement Diagram



Squirrel Cage Crane Duty Induction Motor



Crane Duty Motors have been suitably designed for arduous applications for short and intermittent duties involving starts, stops and reversals. These motors are used on applications like cranes, lifts, material handling, weirs and sluices and auxiliary motors in rolling mills.

Product Range

Frame : 71-160

KW / HP : 0.37 – 15 / 0.5 - 20

Pole : 4-8 Pole

Crane Hooters



Spares for Slipring Motor



Slipring



Carbon Brushes



Limit Switches

