

ANTICOLLISION DEVICE FOR CRANES

The system works on the principle of retro-reflective infrared waves. It consists of an emitter and sensor module and a special reflector. The emitter emits the infrared waves in the direction of the reflector reflects these infrared waves and activates an alarm signal and stops / reduces the speed of the crane. Thus is the two cranes are away from each other the reflected waves will not reach the sensor and the cranes operate normally. The sensing distance is adjustable between 3 to 10 meters. The anti collision system is specially designed for the crane application and is suitable for the continuous duty.

Each set consists of an Emitter/sensor module and a Reflector. For one pair of cranes two sets of anti-collision system are required. The typical arrangement for the installation is shown in the adjacent figure.

MODEL : ACD-201 :

Specification

General

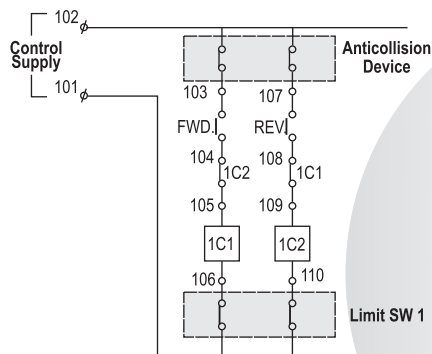
Supply Voltage: 110/220v AC

Output contact rating : 5A/10A at 110v AC

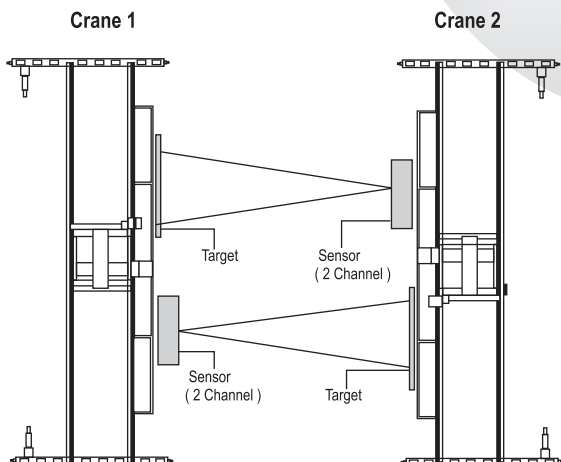
Operating temperature: UP to 70°C

Sensitivity adjustment: 15% to 100%

Maximum sensing distance: 10 meters



Typical arrangement for LT Drive with anticollision Device
Two Channels, with One Sensor each



DSL INDICATING LAMP :

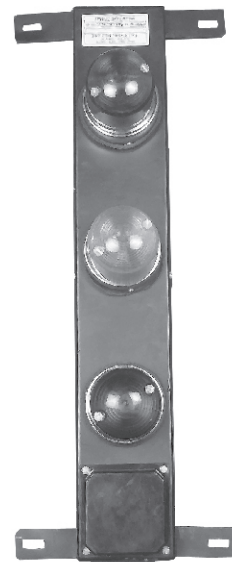
Long Life With LED'S.

Power Saving Feature Power Consumption (10 watts)

Available in Red, Blue, Yellow colors.

Easy to Install.

Maintenance Free



PENDANT PUSH BUTTON STATION :

Enclosure: Glass Filled Nylon

Push Button: 8/10/12 Nos. Push Buttons with/without key.

