

ANTI-CRANE COLLISION SWITCH



AntiCrane Collision Switch for two over head cranes on the same rail. These units are installed on two cranes on the same rail approaching each other. With these units, the two cranes on the same rail will never collide with each other & thus the damage caused due to collision can be saved. The minimum distance in between two cranes will always be maintained, and the cranes will be able to move away from each other but not closer.

Unit has inbuilt Infra Red Transmitter & Receiver along with other processing circuit and power supply. It works on 220 volts AC supply and offers potential free relay contacts. These contacts are interlocked with the contactor for direction of motion towards each other. Set consists of a control unit and a reflector. Control unit is fixed on one Crane and the reflector on the other crane opposite to the control unit. Same way another control unit should be fixed on second crane and it's reflector on first crane, opposite to each other. Make sure that both the control unit should not be placed opposite to each other. Alignment of both the units is necessary, as the rays transmitted by the Transmitter will be reflected back by the Reflector. This reflected beam will be picked up by the receiver when both the cranes come closer. When the two cranes come within the range, the moving crane will be stopped immediately. This range can be adjusted as required.

SPECIFICATIONS :

Supply Voltage:	: 220 V AC
Output:	: Potential Free Relay Contacts
Contacts Rating :	: 5 Amps (max.) at 220 V AC
Range:	: For Model : ACC 03 : 3 metre (max.) : For Model : ACC 10 : 10 meter (max.) : Range Adjustment: Provided (up to 50 % approx.)
Dimensions :	: 180 mm X 120 mm X 60 mm
Housing :	: Metal Housing



Sensors & Controllers

Sarjan Enterprise

F-1, Aakanksha Apartment, Nr. Sola Railway Crossing,
Sola Road, Ghatlodia, Ahmedabad-380 061, Gujarat, India.
Phone no.: 079-2749 6420, 6522 5606, 098980 65606, 098989 96306
E-mail: info@automaxsensors.com, sarjanenterprise@sify.com
WWW. automaxsensors.com