



Electronic Switches offers Anti Crane 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 avoided. The minimum distance in between two cranes can be set and will always be maintained. The cranes will be able to move away from each other but not closer.

DUST-PROOF HOUSING (DP)	Model : ACC 03 Model : ACC 10 / 15	Model : ACC 102 (2 Set Points)	Model : ACC 102 LS
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(275 x 160 x 90 mm)



SPECIFICATIONS			
Model :	Model : ACC 03 / 10 / 15 / 20	Model : ACC 102 : 2 set Points	Model : ACC 102 LS : 2 set Points
Range:	3 / 10 / 15 / 20 Meters	8 and 10 Meters	10 Meters
Supply Voltage :	110 V AC or 220 V AC (User Selectable)	110 V AC or 220 V AC (User Selectable)	110V AC or 220 Volts (User Selectable)
Supply type :	Fixed supply voltage	Fixed supply voltage	Fixed supply voltage
Laser Alignment tool :	For Alignment of sensor and reflector	For Alignment of sensor and reflector	Laser Distance Sensor
No of set points :	Single Set Point	Two Set Points independently adjustable	Two Set Point
No of output / Relay :	Single Output / Single Relay	Two Outputs / Two Relays	Two Output / Two Relay
Output :	Potential Free Relay Contacts	Potential Free Relay Contacts	Potential Free Relay Contacts
Contacts Rating :	3 Amps (max.) at 220 V AC	3 Amps (max.) at 220 V AC	3 Amps (max.) at 220 V AC
Range Adjustment :	Provided (up to 50 % approx.)	Provided (up to 50 % approx.)	Provided
Adjustment through :	POT	POT	Distance setting - TEACH type
Reflector size :	130 x 75 mm	130 x 75 mm	Without Reflector
Dimensions :	180 mm X 145 mm X 55 mm	180 mm X 145 mm X 55 mm	140 x 150 x 110mm
Housing :	Metal Housing	Metal Housing	Metal Housing
Supply Available :	24V DC / 24V AC / 48V AC	24V DC / 24V AC / 48V AC	24V DC / 24V AC / 48V AC

Working Principle :	This is used for Two overhead cranes on the same rail. This model is suitable for 3 meters or 10 meters range. Output is offered through relay contacts which can be interlocked with coil of contactor in respective direction. Alignment of Sensor and Reflector is very easy.	This is used for Two overhead cranes on the same rail. This model is suitable for 10 meters. There are two outputs. One output can be used for audio alarm for operator and another output is interlocked with coil of contactor in respective direction.	It displays measurement in centimeter. unit has TEACH type facility for Range adjustment, No reflector requirement. Unit is with 2 set point and 2 relay output. Display will show actual distance
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