EXIT ANTI-COLLISION ONE   GS-DCX1

STOP EXPENSIVE DAMAGES!

The GS-DCX1 prevents a car coming off the conveyor, from colliding with a car that hasn't left the conveyor exit area. This happens if the exiting car stalls, is obstructed, or is forgotten.

The system is set up to "watch" the traffic at the exit of the wash. If a collision possibility is present, the system will go into action to shut down the conveyor before the cars collide.

EXAMPLE OPERATION SEQUENCE: (The Scenario)

The first car is run through the wash. It activates the end sensor as it sits at the end of the conveyor. The second car is coming down the conveyor to the exit end. The computer channel, for the 2nd car, activates before the rear of the sitting car. The DCX1 shuts down the conveyor and alerts the employees of the conveyor shutdown. The computer channel is set up as a sequential function. The DCX1 will automatically ignore the signal if there is no car at the end of the conveyor. It will continue to do so until the computer channel stops signaling. This allows for overlap of the computer function and the sensor pad for longer vehicles.

1- The first car is at exit activating the end sensor. (Should have driven away)
2- The second car is coming to a critical point on the conveyor where the cars will hit.
   (This is where the computer channel turn on point is.)
3- The computer channel activates.
4- The **ANTI-COLLISION** system will shut the conveyor down, before the cars hit. The beeper
   signals for 8 seconds. The employees have two indicators the beeper and the Super-Bright
   LED, to tell why the conveyor is stopped.
5- When the first car drives away the system restarts the conveyor (if wanted).

FEATURES:
* Can Accommodate Any Standard Interlock system.
* All Outputs Are 10amp Rated.
* Extra Outputs For extra functions: STOP & GO LIGHTS, AIR DOOR, SIGNS, ETC.
* L.E.D. Indication For System Status: Green- No Cars, Yellow- Car At Exit, Red- Conveyor Shut Down,
   Power, Relay On, And Sensor Activation.
* Can be wired with an exit door safety switch to protect a closed exit door.
* Loud 85db Warning beeper.
* External Reset For Inductive Sensors.
* All P.C. Board design. Fast Installation.

REQUIREMENTS:
One Inductive Sensor (See Inductive Sensor GL-14 or GL-SM8) The inductive sensors can be an Inductive Stand, Pad, Inground, Preformed or a Floor Cut Loop
110vac 1 Amp Power Constant
Wired Into A Stop \ Start Station, Interlock On \ Off Switch Or A Hydraulic Solenoid Valve To Control The Conveyor
One Computer Channel (Signal for the 2nd car)

OPTIONS:
EXTRA RELAY FOR AUXILERY OUTPUT

GENERAL APPLICATIONS:
CAR WASH ANTI-COLLISION FOR END OF CONVEYOR