

# DOOR POSITION MONITOR CS-DPM

Microprocessor based Door Status Detector Module is a rugged product that can be used to detect / alert when a door (access door / normal door) is opened but not closed properly. Especially in critical areas like BMS room, server room, conference room and security room, Electromagnetic locks are provided for security reasons. When the doors are not closed properly, the door lock will no hold the door so that a chance of unauthorized intrusion may occur. To avoid this situation, the DSDM is utilized for the following features.

## Features:

- Operates in wide range of input voltage
- Binary switch to set the delay time
- Audible Buzzer
- Status indicator
- MS powder plated enclosure



## Operation:

Wide range of supply voltage (9Vdc to 12Vdc) can be given to DSDM for normal operation. Door position sensor can be connected to the module through a 2 pin connector. The door position sensor mirror output can be taken out to the access control system for monitoring. A dip switch is provided in the module to set the delay time. Maximum 255 second can be configured as delay time. Under door close condition, the mirror output (pot. free contact) will be closed condition. When the door is opened, the mirror output will open indicating the access control system that the door is opened. Also, the timer starts to count, when the door is not closed till the period set in the dip switch, the buzzer sounds continuously informing that the door was opened but not closed. When the door is closed within the set value, the buzzer will not activate the mirror output changes to closed condition and operates normally.

## Specifications:

Supply Voltage	: 9.0V dc to 12.0 V dc
Door Status Input	: Potential Free contact from door sensor
Delay Setting	: 8 – pin Dip switch
Output	: Buzzer
Indication	: Green LED for System Healthy
Mounting	: Stud Mountable
Casing	: MS plated enclosure