

# BF-50 RELAY BOX

BF-50  
RELAY BOX



## ■ Features

- ▶ Should work with BF-670/660/870/880 Multi-door access controllers.
- ▶ Integration with EM lock, door Sensor dry contacts and Wiegand readers (in/out) to save deployment costs.
- ▶ 3 rd party's Wiegand readers (in/out) is compatible.
- ▶ Built-in Watch Dog.
- ▶ Auto Short or Cut off diagnostic thru Door Sensor.
- ▶ Relay control is driven by RS485 for higher security. Push button can be operated when controller is disconnected under Emergency mode.

## ■ Specification

- ▶ Wiegand input : 2 (WG26/34 Auto detect)
- ▶ Communication Interface : RS-485
- ▶ Door Relay (Relay D) : 1 ( 3A /125VAC/30VDC)
- ▶ Alarm Relay : 2 ( 3A /125VAC/30VDC)
- ▶ Dry contact for Push Button : 1
- ▶ Dry contact for Sensor self-detecting : 1
- ▶ Current consumption < 900 mA
- ▶ Maximum RS-485 distance : 1000 m
- ▶ Maximum wiring distance for Wiegand reader : 80 m
- ▶ Power Input (DC) : 9-24V DC
- ▶ Environmental Temperatures and Humidity :
  - Operation Temperature: 0 °C to 55 °C
  - Storage Temperature: -20 °C to 70 °C
  - Operation Humidity: 0 % to 90 %
  - Storage Humidity: 0 % to 90 %
- ▶ Dimensions : 106 X 100 X 26.5 mm

