

# Electromagnetic door latches 24V DC



TECHNICAL SPECIFICATIONS	BS-510/24
Mains voltage	24V DC
Max. consumption	80 mA
Attraction strength	50 Kgr
Control	Release key
Degrees of cover protection	IP 20
Temperature range	0 to 50 °C
Humidity	Up to 95% relative humidity
Material construction	steel
Guarantee	2 years

## GENERAL

BS-510/24 is an electromagnetic door latch with attraction strength up to 50 Kgr.

The device is used in combination with fire proof doors so as to confine the fire if it is needed.

The device consists of two parts. The electromagnet proper and the counter-plate. The electromagnet is wall mounted and the counter-plate is fitted to the door.

For the connection you must open the cover by unfastening the screw on the back, and connect the 24V DC power supply from the fire detection panel as shown in figure 1. To protect the panel connect also the varistor (included).

The device is connected with the fire detection panel via the normal close relay contact and the power supply output 24V\_P.

If the device must be activated when any zone issues an alarm then we must connect it to the RELAY ALARM or AUX RELAY.

If the device must be activated when a specific zone issues an alarm then we must connect it to the relay of this zone.

## Testing

Power the electromagnet and apply light pressure to bring it into the line with counter-plate. Push the release button the door must be released and close.

## Maintenance

For ideal operation, clean from time to time with a soft cloth (use no water).

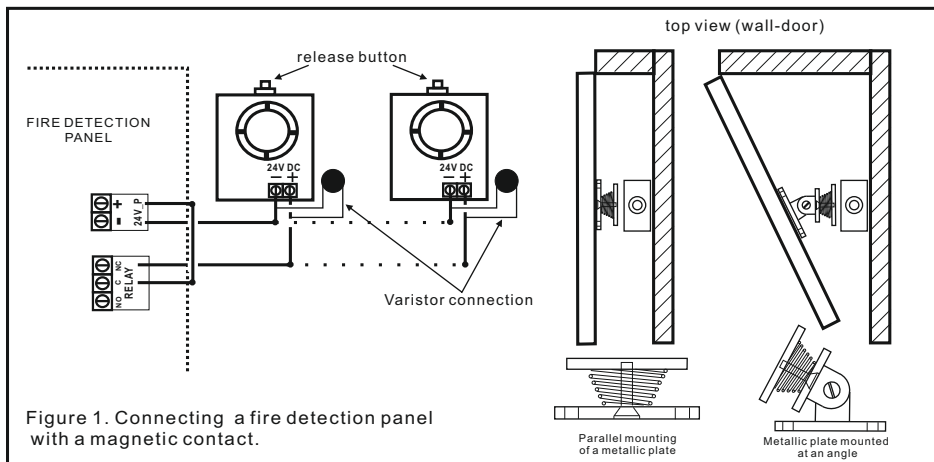


Figure 1. Connecting a fire detection panel with a magnetic contact.