Bellswipe Card Access System

The BellSwipe Card Access System controls access through a door by means of a magnetic card reader and up to 500 magnetic-swipe cards. The use of a separate controller and the unique coding of cards achieve a high degree of security.

BellSwipe card reader (Model RH10)

This card reader is cast from an advanced and robust LM24 alloy and offers a high degree of resistance to corrosion. It is finished in a high quality abrasion-resistant metallic paint and is recommended for most sheltered locations. The reader includes a red and green LED to indicate the lock release status and for programming functions. A 2 metre captive cable is included providing the six connections to the controller; his may be extended to 300 metres with additional cable. The reader is fixed to the wall by a removable base-plate secured by a countersunk security screw.

Dimensions: H = 111mm, W = 38mm, D = 36mm

Model BS500

BellSwipe magnetic-swipe cards

The magnetic-swipe cards are embossed with a 4 digit pack number and supplied in sequential batches of 40 cards (20 users + 20 shadows). Each user card is supplied with a matching shadow card. A signature strip is provided on both cards to enable the name of the user to be recorded. The card has a printed arrow to indicate swipe orientation.

The magnetic-stripe data consists of an encrypted form of the embossed serial number. This provides a high level of security, preventing the fabrication of cards from a sighting of the embossed information.

Starter Card Pack (model BSF)

One pack of 8 Function Cards is supplied with each system or controller. The pack is enabled for that system only and will not operate on any others. There is a 4 digit pack number embossed on each card to identify the pack and this is also recorded on the exterior of the controller. Also included in the pack are 16 user cards and their shadows. All 40 cards are supplied in a neat purpose made wallet.

Starter Card Pack

Features

- Up to 500 user cards
- Shadow cards supplied for easy card erasure
- Function card pack supplied for programming
- Combined controller and power supply
- Time clock input providing 2 time zones, i.e. staff and executive
- Fail-safe and fail-secure lock outputs
- Auxiliary lock output; voltage free C/O contact
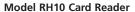- Exit input for timed egress

A Model BS500 access control system comprises of:

- model RH10 Card reader
- model CR500 Controller
- model 203 surface lock release
- model BSF Starter card pack (includes 16 user cards) (order extra packs of BS20C for the required number of card users).

BellSwipe Controller (Model CR500)

The controller PCB is housed in a separate wall-mounting steel enclosure and is not required to be accessed by the user. An integral 12V DC power supply is included with a battery back up facility; space for a 12v 2AH battery is also included.

Dimensions: H = 225mm, W = 200mm, D = 80mm

User Card Pack (model BS20C)

This consists of a pack of 40 cards (20 users + 20 shadows). The shadow cards are used for deletion of user cards and will not operate as user cards.