



Digital Access Keypad EDS18P/18PA



For security and door
strike applications

The EDS18P is a fully programmable, microprocessor based, keypad designed for door-strike applications and remote control of a security control panel.

Because this keypad is microprocessor controlled, you can program in an easy way the configurations of this keypad. An EEPROM protects all these settings and security codes in case of complete power loss.

There are four different security codes available (10.000 different combinations each): one Master-code (can be restored to default) and three user codes. The user code can activate two relay-outputs which can be programmed in latching or momentary mode. Three LED's indicate the status of the relays or external devices.

Last but not least, you can choose out of five different security levels thus providing you a keypad for almost any application.

Features

- Microprocessor controlled; the configuration can be easily programmed.
- EPROM protects settings and security codes; protection in case of power-loss.
- Four programmable security codes available: 1 master code and 3 user codes.
- 10.000 Different combinations possible for each 4-digit code.
- Master code can be restored to default.
- User codes can activate two relay-outputs.
- Relay-outputs can be programmed for latching or momentary mode.
- Three LED's indicate the status of the relays or external devices.
- Five different security levels; providing a broad application.
- Built-in panic key.
- Built-in tamper switch & piëzo buzzer.
- Remote button connectable to directly control the key relay output.
- Suitable for security and door strike applications.

Specifications EDS18P Keypad

Voltage
10 ~ 15 Vdc.

Current
Normal 10 mA; key relay on 42 mA.
Auxiliary on 27 mA; both relays on 58 mA.

Tamper Switch
Form A (NC);40 mA @ 100 Vdc.

Security Codes
4 Different (4 digit) codes (10.000 combinations each);
one master code and 3 user codes.

Indication LEDs
Green : power
Red : key relay activated
Yellow : auxiliary relay activated

External LED Mode

The 3 LEDs are triggered by 3 external control inputs;
(positive trigger 5 ~ 12 V, negative trigger 0 ~ 1 V).

Activation Times

Key / auxiliary relays latch or 0.01 - 99.99 s momentary.

Operating Temperature

-20° ~ 50°C.

Dimensions

114 x 70 x 36 mm (HxWxD).

Housing

Grey, plastic housing with metal front.

Weight

150 gr.

Specifications EDS18P/A Keypad

As EDS18P, except with aluminium housing.

Dimensions
121 x 76 x 64 mm (HxWxD).

For further information, please contact:

