

VKP99

Vandal Resistant Standalone, self-contained keypad with CODIX bus output



The **VKP99** is a standalone, surface mount vandal resistant access control keypad, making it suitable for high security applications. Its robust, elegant design makes it perfect for mounting internally or externally.

The vandal resistant outer housing is manufactured from hard-wearing moulded aluminium and internally has resin potted electronics with an **IP66** rating giving it increased protection from UVA rays, dust and making it resistant to water.

Vandal Resistant Keypad

Surface mount, standalone vandal resistant **IP66** rated keypad.

Durable keypad buttons

Elegant design with hard-wearing metallic keypad buttons.

99 programmable access codes

Program up to 99 user access codes (up to 8 digits in length).

2 programmable outputs

1 relay output (NO/C/NC) and 1 transistor switched 0V output.

Adjustable output times

Programmable output times 01 - 99 seconds or 00 for latching 'toggle' mode.

Push to exit input

Switched 0V push to exit input.

Tamper protection

Built-in anti-tamper reed switch.

For indoor or outdoor installation

Surface mount internally or externally.



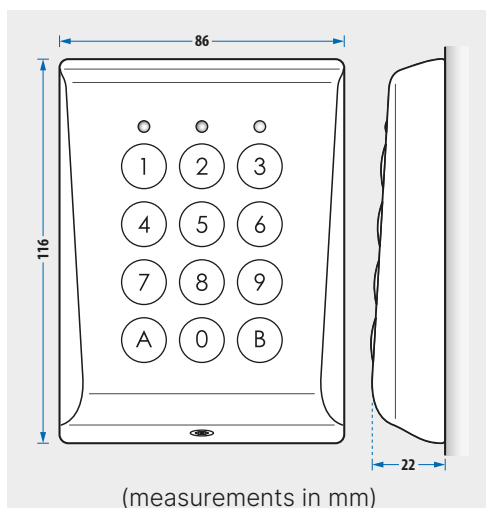
CODELOCK



VANDAL RESISTANT



IP66



Other key features of the VKP99 codelock

- Resin potted electronics in a moulded aluminium housing (matt chrome finish).
- CODIX bus output for connecting peripheral devices that operate with the CODIX protocol.
- Invalid access code lockout feature.
- Yellow LED and internal buzzer for programming and status indication.
- Green and Red LED to indicate output activation.
- Power input 12Vac/dc or 24Vac/dc.

Technical characteristics

	VKP99
Description	Vandal Resistant standalone, self-contained 99 code (1 relay, 1 transistor switched output) codelock module with durable metallic keypad buttons and CODIX bus output.
Materials	Moulded aluminium housing in a matt chrome finish.
Module protection	IP66 ingress protection rating.
Buttons	Metallic keypad buttons: 1 - 9, A, 0 and B.
Status LEDs	Green LED = accept/relay output activation, red LED = transistor output activation and yellow LED = keypad button press and programming menu status.
Programming	Programming carried out directly via the keypad.
Codes & code length	Up to 99 user access codes, with each code between 1 - 8 digits in length.
Security measures	30 second lockout after 8 consecutive invalid user access code entries.
Pre-wired cable, no. of wires and colours	0.5m pre-wired cable (11 wires), core colours: 12/24Vac/dc power input: red = +12V/+24V, black = 0V(GND). Relay output 1: grey = NC, yellow = COM and white = NO. Transistor switched output 2: green = T. PTE input: blue = GND, orange = PB (push-to-make). Built-in anti-tamper reed switch: brown = SW1, violet = SW2. Keypad earth: pink = $\perp$.
Relay (volts/current)	Relay output: grey = NC, yellow = COM and white = NO, (12/24Vac/dc at 2A).
Transistor output	Transistor switched 0V output, 100mA (max.).
Output times	Relay and transistor output times 01 - 99 seconds or 00 for latching 'toggle' mode.
PTE input	Yes, switched 0V push-to-make input (see above).
CODIX bus, pre-wired cable	0.5m pre-wired cable (3 cores), CODIX core colours: black = G/GND, violet = Data and grey = +9V. Used for connecting peripheral devices.
Dimensions (mm)	86 (W) x 116 (L) x 22 (D).
Working voltage	12Vac/dc or 24Vac/dc power input.
Current rating	Standby: 10mA, during operation 60-70mA (max.).
Working temperature	-20° ~ +50°C.



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