SLIMSTONE
**STRONG, FROST-FREE AND WATERTIGHT KEYPAD**

**SPECIFICATIONS**

* The keypad shall be able to operate as a standalone device or in combination with third party devices (electric keeps, magnetic locks, …).
* The keypad shall contain energy efficient integrated LED backlighting below each button.
* The keypad shall contain an override contact, allowing the built-in relay to be switched from a distance.
* The integrated relay shall be able to operate in a pulse or timer mode (150ms – 99s).
* The keypad shall be available in 2 colours: black or silver.
* The keypad shall provide visual feedback indicating whether the entered code was wrong or correct.
* The keypad should be designed and manufactured in Europe or in the United States.

**PERFORMANCE**

* The keypad shall be specifically made for outdoor use and reach at least an IP rating of IP68.
* The keypad shall contain an internal heating system to ensure frost-free operation in cold environments.
* The keypad’s electronics shall be encapsulated in resin.
* The keypad’s housing shall be finished with a scratch-resistant textured lacquer.
* The keypad shall contain durable push buttons in order to assure long term durability.
* There shall be no recognizable wear and tear to those push buttons which are frequently used.
* The keypad’s pushbuttons shall be able to resist at least 1.000.000 pushes.
* The keypad shall be operational in temperatures between -30°C and +85°C.
* The manufacturer’s warranty on the keypad shall be 2 years.

**INSTALLATION**

* The keypad shall have pre-mounted fasteners with stainless steel bolts.
* No welding shall be required to mount the keypad.
* The keypad’s packaging shall contain the right plugs and screws to allow mounting the keypad on a wooden or stone background.
* A 2m connection cable shall be provided with the keypad.
* A 3D-installation explanatory video shall be available in order to assist the installer.
* Drilling templates shall be included in order to assist the installer.

**CONFIGURATION**

* The keypad shall be fully configurable without the need to connect an additional device (e.g. computer or smartphone).
* No additional programming software will be required to configure the keypad.
* Entering a Master Pin code shall be required before the keypad can be configured.
* The keypad shall allow up to 100 access codes to be programmed.
* A 3D-configuration explanatory video shall be available in order to assist the installer.

**ELECTRICAL**

* The keypad shall contain an integrated relay (1x NC and 1x NO contact) in order to allow an easy installation of the keypad.
* The keypad shall have the following electrical properties:
	+ a working voltage from 10 up to 26V AC/DC
	+ a switching contact from 0 up to 26V AC/DC, 2A (60W)
	+ Maximum power consumption= 1.0A / 13,5W (with max heating)
	+ Contain a switching relay with the following contacts: 1 x NO - 1 x NC - 1 x COM (Max. 2A, 60W, 26V AC/DC)
* The consumption of the keypad shall be 1,5W (> 5°C).
* A 2-wire priority contact shall be available.

**MATERIAL**

* The keypad shall have a stainless steel front plate and an aluminium and vandal-proof housing.
* The keypad shall have a corrosion resistance of 500h salt spray according to ISO9227.
* The keypad shall be fully weather- and dustproof (IP68).
* The keypad shall have 500 hours of UV-resistance against discoloration.