



SPCE110

Keyswitch Expander

User Guide

3.4

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1 Security

1.1 Target group

The instructions in this documentation are directed at the following target group:

Target readers	Qualification	Activity	Condition of the product
End user	Instruction by technical specialists is necessary.	Performs only the procedures for proper operation of the product.	The product is installed and configured.

1.2 General safety instructions

1.2.1 General information

- Keep this document for later reference.
- Always pass this document on together with the product.
- Please also take into account any additional country-specific, local safety standards or regulations concerning project planning, operation and disposal of the product.

Liability claim

- Do not make any changes or modifications to the device unless they are expressly mentioned in this manual and have been approved by the manufacturer.

1.2.2 Operation

Dangerous situation due to false alarm

- Make sure to notify all relevant parties and authorities providing assistance before testing the system.
- To avoid panic, always inform all those present before testing any alarm devices.

1.2.3 Service and maintenance

Danger of electrical shock during maintenance

- Maintenance work must only be carried out by trained specialists.

Danger of electrical shock while cleaning the device


- Do not use liquid cleaners or sprays that contain alcohol, spirit or ammonia.


1.3 Meaning of written warning notices

Signal Word	Type of Risk
DANGER	Danger of death or severe bodily harm.
WARNING	Possible danger of death or severe bodily

Signal Word	Type of Risk
	harm.
CAUTION	Danger of minor bodily injury or property damage
IMPORTANT	Danger of malfunctions

1.4 Meaning of hazard symbols

	⚠ WARNING
	Warning of hazard area

	⚠ WARNING
	Warning of dangerous electrical voltage

2 Directives and standards

2.1 EU directives

This product complies with the requirements of the European Directives 2004/108/EC "Directive of Electromagnetic Compatibility", 2006/95/EC "Low Voltage Directive", and 1999/5/EC on Radio and Telecommunications Terminal Equipment (R&TTE). The EU declaration of conformity is available to the responsible agencies at: <http://pcd.vanderbiltindustries.com/doc/SPC>

European Directive 2004/108/EC „Electromagnetic Compatibility”

Compliance with the European Directive 2004/108/EC has been proven by testing according to the following standards:

emc emission	EN 55022 Class B
emc immunity	EN 50130-4

European Directive 2006/95/EC „Low-Voltage Directive”

Compliance with the European Directive 2006/95/EC has been proven by testing according to the following standard:

Safety	EN 60950-1
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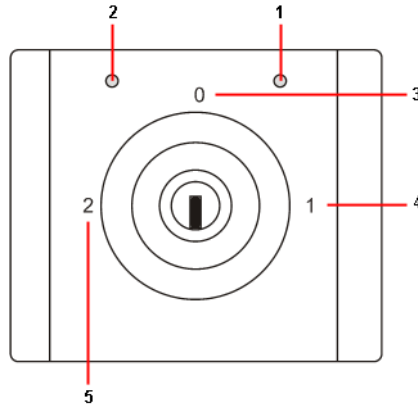
2.1.1 Security Standards

The SPCE110.100 is approved according to the following standards:

Product	Standard
SPCE110.100	EN50131-3:2009, Grade 3, Class II, Type B

3 Introduction

The SPCE110 is a universal key switch expander. It is used in combination with SPCK620/623 or SPCE120 to release them for operation. The function of the LEDs and key positions can be freely defined via the control unit. The expander features also a buzzer for acoustic notification and a freely programmable relay output.



1	LED 1
2	LED 2
3	Key position 0
4	Key position 1
5	Key position 2



NOTICE

The key can only be removed in key position 0.




NOTICE

The SPCE110 uses the Kaba 8 locking mechanism. This device has 5.79 million possible permutations.

4 Function of the key positions and LEDs

4.1 Key positions

	<i>NOTICE</i>
	Please ask your installer which functions have been set for the device during installation.

4.2 LEDs

LEDs


The color, function and frequency of the LEDs can be freely configured.

Following colors are available:


- Red
- Amber
- Green

Following frequencies are available:

- Permanent
- Flash slow
- Flash medium
- Flash fast

	<i>NOTICE</i>
	Please ask your installer which functions have been set for the device during installation.

4.3 Activation of a keypad

	<i>NOTICE</i>
	Please ask your installer which of these functions have been enabled during installation.

Temporary activation

1. Turn the key to position 1.
 2. Turn the key to position 0 and remove the key.
- ⇒ The keypad can be used for the configured latch time.

Permanent activation

- Turn the key to position 1
- ⇒ The keypad can be used, as long as the key is in position 1.

Deactivation

- To deactivate an activated keypad turn the key back to position 0.
- ⇒ The keypad is locked.
- ⇒ The key can be removed.

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Clonshaugh Business and Technology Park
Clonshaugh
Dublin
D17 KV84
www.service.vanderbiltindustries.com