Vandal and Weather Resistant Keypads

www.boschsecurity.com

BOSCH
Invented for life

- ▶ Stylish vandal resistant metal construction with weather resistance to IP67, therefore suitable for indoor and outdoor use
- ▶ Blue LED key backlighting
- ▶ LAN monitored for anti replay and anti substitution; encrypted LAN communication with panel
- ▶ Programmable egress input and lock output
- ▶ Indicators show alarm or door status; operates alarm system, door lock or both

The Vandal and Weather Resistant Code Pads provide alarm of access control functionality when used with the Solution 144 control panel. Constructed from satin chrome plated zinc die cast, the CP150 and CP151 code pads provide a high level of vandal resistance and are also weather resistant to ip67, making them ideal for external installations.

They include red and green indicators which are used to show area or door lock status, and the 12 buttons with blue backlighting make the code pad easy to operate in all lighting conditions.

Functions

Programming & Connections

The CP150 and CP151 include an egress input and an overload protected lock output which can be used to provide a low cost door control solution. These can be disabled via software control if not being used.

The unit connects to the alarm control panel via an encrypted RS485 LAN which also includes anti replay and anti substitution technology for even higher security.

Selected control panels provide support for up to 16 code pads per installation and various options for each can be configured via panel programming.

Event Log

User access events are stored in the alarm control panel's history log and these events can also be reported to the monitoring station or to any other available reporting destination if required.

Certifications and approvals

C-tick Supplier Code:	N12138
CE:	EN 55022:2010, EN 60950-1:2001
Telepermit:	PTC 211/12/017

Technical specifications

Power Requirements

Operating Voltage:	10.5V DC - 14.0V DC @ 100mA max.

Connections

Modules:	Via RS485 module LAN using supplied cable. LAN transmission is encrypted and includes module anti substitution.

Lock Output:	Protected open collector transistor output 500mA
Egress Input:	Low to trigger. Can be disabled via software

Environmental Considerations

Temperature:	-30° to 55°C Operating
Humidity:	5% to 85% at 30°C non-condensing

Enclosure

Weather Resistance:	IP67
Dimensions:	CP150 – 45(W) x 23(D) x 162(H)mm CP151 – 92(w) x 23(D) x 132(H) mm
Warranty:	3 years

Ordering information

CP150B Vandal and Weather Resistant Keypad
Order number **CP150B**

CP151B Slimline Vandal and Weather Resistant Keypad
Order number **CP151B**