DS-100

Telephone dialer touch screen

European Standard Certification 1999/5/EC
ETSI EN 301 511 V9.0.2 - ETSI EN 301 489-1 V1.8.1 - ETSI EN 301 489-7 V1.3.1
CENELEC EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011
CENELEC EN 50385:2002

DS-100 is a latest generation dialer that combines ease of use with the most advanced technologies in the field of home security and the workplace.

This device is equipped with 6 programmable input lines and 4 relay output lines, and offers a complete customization system of actions thus making the DS 100 unique and perfect in every situation.

The DS 100 is able to react to a series of events (triggers), to which the user can associate a chain of actions that will be performed by the dialer every time the event is triggered.

For each of the triggers (the 6 physical inputs, low battery, power failure, incoming call), the dialer allows the programming of a chain of twenty-five possible reactions chosen between the activation of the outputs, the sending of SMS and voice call.

The actions saved will thus characterize each trigger, allowing not only to have customized events but also to associate multiple events to the same trigger.

With a basic knowledge of the device, it is possible to create sequences of automated events that can be initialized also through the remote commands available to the device.

To simplify the installation work, the back of the DS 100 is designed to be compatible with the 503 boxes

(Fig.1 and 2).

Main characteristics

- 6 Programmable input lines
- 4 Relay outputs
- Customizable
- 25 Concatenable events
- Sending SMS and/or voice calls
- Touch color display
- Up to 1000 memorized numbers
- Compatible with boxes 503

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Electrical characteristics	
Operating voltage	10,5V to 30Vcc
Consumption	• In standby: Display ON 90mA; Display OFF 30mA • In alarm: Call 150mA (max 300mA during the GSM peaks); Outputs 20mA with relay active
Battery	• Internal, 15 hours of autonomy
Mechanical characteristics	
IP Grade	• IP31C
Other characteristics	
Stored numbers	• Till 1000 numbers • Permission to activate each output that can be set individually for each contact • Re-sending received messages to specific contacts • Allows hands-free conversation with enabled contacts
Stored SMS	• 25 text messages with a maximum length of 160 characters each • Programmable in a concatenated way
Voice messages	• 6 voice messages of 20 seconds each • Possibility of replaying the message recorded in speakerphone
Programming	• Locally via the touch screen • Remotely via the supplied software: DS 100 Programmer
Output control	• Remotely via SMS • Remotely during an alarm telephone call
Supported carriers	• TIM; Vodafone; Wind; and other carriers • H3G not supported
Environmental characteristics	
Working temperature	0°C to +45°C
Working relative humidity	≤ 93%

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