

Guardian II

User Keys



The power of control. Automated.

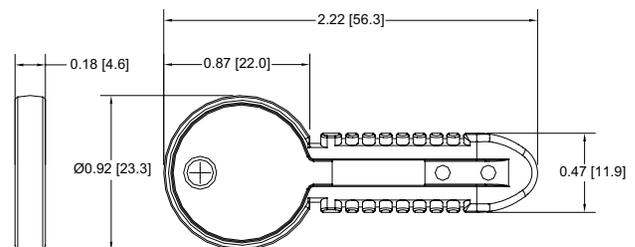
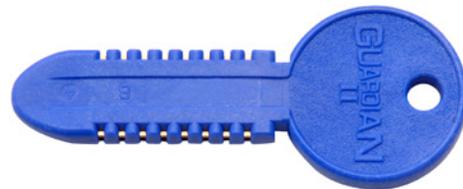
Guardian II user keys provide user identification within the Guardian II access control system. Each user is issued an electronically unique key for use throughout the system. When presented to a Guardian II controller, the controller will either grant or deny access based on the rights assigned to that user. Additionally, a Guardian II user key stores (on its internal memory chip) the last 15 events performed by that user/key. Besides the 15 most recent events stored on each user key, Guardian II controllers also keep a record of the 1500 (on average) most recent controller events.

Guardian II user keys are easily programmed with a PC by using the G2 Programmer, which is included with the Guardian II administration kit. All data stored on the user key is encrypted and security features in the key prevent duplication. Guardian II user keys eliminate the vulnerabilities of using PIN codes (which can be easily shared, witnessed, or guessed), mechanical keys (which are easily copied and a security risk if misplaced), and cards (which are fragile and wear out). Guardian II user keys upgrade security from "what you know" to "what you own". They can be "blocked" from the system if lost or stolen, or reprogrammed and given to a different user. They eliminate the need to ever change out your lock-sets again.

Similar in size to traditional keys, Guardian II user keys conveniently fit on a key-chain and have redundant contacts so there is no wrong way to insert the key. The keys utilize solid over-molded construction using a composite material, which protects the internal memory from the elements. This rugged design assures that the stored data is retained even when the key is exposed to dirt, moisture, chemicals, electrostatic discharge, and other harsh environmental factors. The rugged design of the Guardian II keys has been field-proven to operate reliably in harsh environments for over 35 years. Guardian II user keys are available in a variety of colors: blue (standard), red, yellow and green.

MECHANICAL	
Contact Life	15,000 Insertion/Removal Cycles Min.
Contact Arrangement	Fully Redundant (Top:Bottom)
Key Head Shear Limit	15 Pounds
Key Twist Torque Limit	15 Inch-pounds
ENVIRONMENTAL	
Storage Temperature	-40°C to +100°C (-40°F to +200°F)
Operating Temperature	-40°C to +85°C (-40°F to +185°F)
ESD Protection	10 kV
Relative Humidity	5% to 95% (non-condensing)
MEMORY	
Size	2K-bit
Write/Erase Cycles	100,000 Cycles Minimum
Data Life (Storage)	10 Years Minimum
ORDERING INFORMATION ²	
User Key (Blue)	611-0167-006
User Key (Red)	611-0167-002
User Key (Yellow)	611-0167-004
User Key (Green)	611-0167-005

1: Contact the factory for RoHS compliant user key part numbers.



Drawing dimensions are in inches and millimeters [mm].
Dimensions are nominal and subject to manufacturer's tolerances.

221-0184-000 Rev. C 5/19



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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