

Klacci[®]
life unlocked.



Simpli Lodging

Series ANSI Grade 1
Wireless Lock



The Hospitality System

Managing access control with technology at its best



Deployment of wireless technology across different industries, adoption of IoT based security system and the need to strengthen up security against increasing crime had fueled up the heat in the Electronic Access Control (EAC) market.

Evolving with today's technology advancement and security trend, Klacci has transformed itself to the true market leader of EAC. We actively adopting both the wireless network and virtual network into the versatile design of our products. Implementation of the mobile based access control units add creativity and a unique experience to our customers who desire more than just a locking device.

In Klacci, we believe our customers does not need to be a professional in order to become an expert in access control. The core of our EAC products are integrated with the most robust mechanical or electrified hardware that are all ANSI/BHMA Grade 1 or Grade 2 certified and achieved 3 hours UL Fire Rating. Whether a simple controlling device on a single exit door, or a complete access control system for a building, even to a cloud computing platform to initiate an emergency lockdown in a regional sized properties, there is a right balance of benefit and performance.

Spot, Check and Go. Easy as 1, 2, 3

Spotting who is at your door, checking if they have the credential to get in, and letting them go in, our EAC products have made this job that easy. Upgrading your existing hardware to the must-have EAC now has minimal disruptions than ever. Klacci is together with you in the road to embrace the future of Electronic Access Control.



The Trusted Name in Hospitality

A photograph of a modern hotel lobby. In the foreground, there is a large, rectangular pool of water reflecting the lights. To the right, a person is sitting in the pool. In the background, there is a reception desk and a wall with the word 'RESORT' written on it. The walls are made of brick and have some decorative elements. A potted plant is on the left side.

The hospitality industry's needs and expectations continue to raise, and Klacci provides lodging entrepreneurs the ease management they need and the experience their guest seek and deserve. Our products and services are designed to fulfill the most demanding requirements, bringing peace of mind for owners and guests at all times.

What is SimpliLodging?

The expectation for hospitality service has been edging higher. Guests demanding more total control from booking to checking-in without a long wait or any unnecessary work other than enjoying the service. Hotel owner, villa administrator or property manager are facing a challenge to adopt to the new technology of automation and network integration. Even more, upgrading from an existing hotel access control and management system that does not meet the new trend is usually a stressful and costly process either have to shut down the property temporary or need to replace expensive equipment.

Klacci's SimpliLodging emphasizes on the guest experience and the owner experience. The system is backed by the full suite of the Klacci i electronic access control as well as the mechanical door hardware. Lodging management now has more confident securing their premises, while giving their customer the ability to customize their biometric data as e-key to access the premise in their fashion.

Solutions

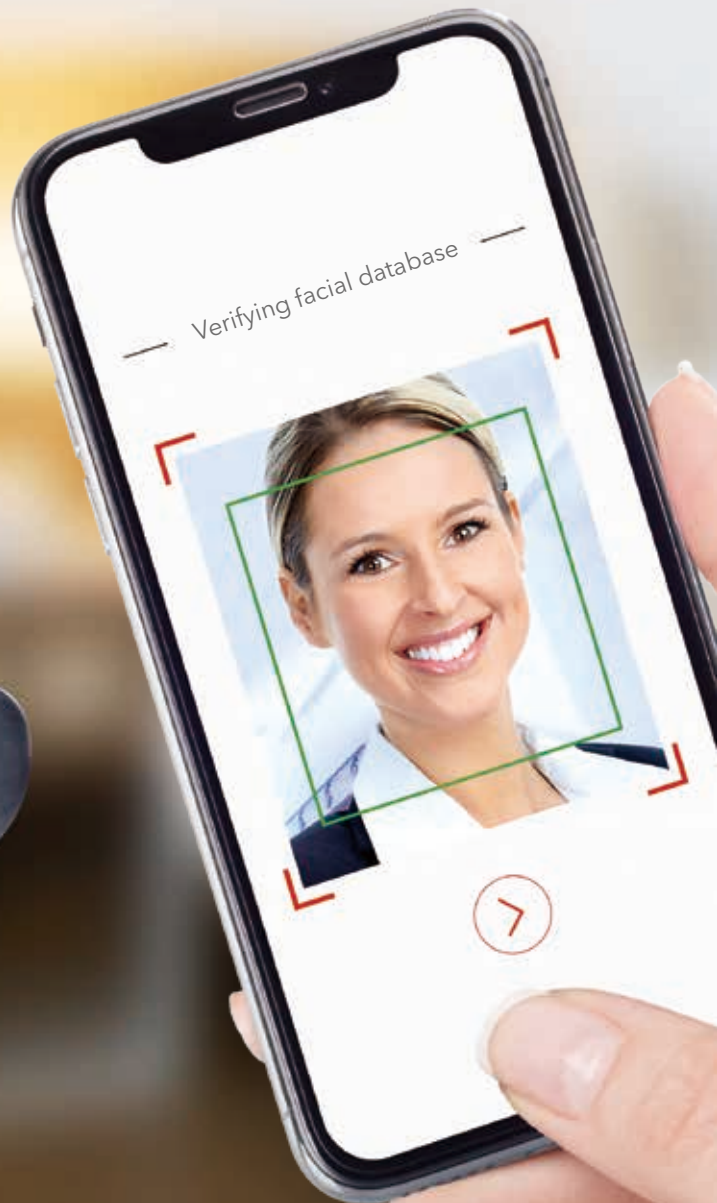


What it means for guests

Lodging should be simply about the pleasant experience. Nothing more. After a long way of traveling, the first and the foremost thing a traveler wants to do is to find himself/herself collapse on his/her bed of the hotel room, charging up either for their upcoming important meeting or long planned leisure activities. Klacci feels you. With SimpliLodging, it is only about the lodging experience. Forget about the complicated check-in and waiting process, guests could personalize how they will show up in their next stay from their own mobile devices.

What it means for administrators

You are already mind-filled about how to increase the guest satisfaction, SimpliLodging is here to simplify your property management and access control effort. The system is supported by the complete Klacci's mechanical and electronic access control products to let you control who you want to let in or keep out. HVAC and lighting control can be integrated to the system to analyze and compare consumption. Upgrading from the existing system and access control system is easy without the expensive threshold for temporary shutting down the property or replacing equipment. An easy and effective management tool without stressing your staff force instead they should be working to satisfy your guests.





Comprehensive Upgrade Solution for All

For Hotel Managers and Adminsitrators

Innovative Solutions for the Retrofit Marketeers

The available electronic access control options in the retrofit market are limited with most products being a battery powered standalone unit. The security strength of the standalone units is usually not the highest and comes with inconvenience during maintenance. When standalone access control units are being run on a totally separate interface, hotel administrators often found it stressful and difficult to integrate them with their existing hotel management system without investing a considerable amount of costs.

The core of the SimpliLodging is the Sensor Hub on Lock to provide an innovative solution to the retrofit market. Upgrading from an aged system to a new level without interruption to the business for enjoying the integration of access control security, remote data collecting and encrypted protection.

Satisfied Guests

The most important goal for lodging service is to ensure that the guests experience an enjoyable stay through personalized, secure yet easy to use and convenient access control and services.

Ease of Management and Efficiency

Administrators can benefit from a user-friendly access control and management system that manages guest and staff access rights and updating the information of the lock in a convenient way, combined with the mobile access solution, check-in and management times can be greatly reduced and staff can focus on providing a better guest service.

Cost Effectiveness and High-profitability

Outdated magstripe locks, PDAs, traditional key locks and other equipment can now be replaced by the iF Series durable and strong hotel lock, through its fast installation and wireless communication features the hardware maintenance and upgrade costs can be minimized. By reducing the unavailability of the rooms due to maintenance, the administrators can make full use of room turnovers, thus increasing profits, guest satisfaction and return rates.



The Current Retrofit Market

The Innovative Retrofit Solution by Klacci

Regular lock battery replacement comes with inconvenience maintenance

Wireless charging locks can be operated continuous without interruption

Lack of real-time monitoring and requires manual inspection or maintenance

Self diagnose-and-alert locks to reduce down time

Standalone locks with weak encryption key

Biometric recognition thru AES algorithm for higher protection

Numerous relays are needed throughout the premises for long range data collection

Remote authorization thru low-power network

System runs by standalone locks without unified authorizations

Integratable to other systems with personalized information

Leading the Market by Innovations

	Brand A Security & Access Control Solutions	Brand W Smart Hotel Module	Klacci SimpliLodging
Door Lock Mode	Single Unlocking Option	Single Unlocking Option	Dual system - RFID card and Smart Phone
Network Technology	ZigBee (Short range, requires relays)	TCP/IP (High cost for wiring)	WiFi (An existing WiFi network can be utilized)
Collection of Room Control Data	Import manually on-site (Requires manual operations)	Physical wire / on-site (High cost to setup)	Remote Collection (Save time and manpower)
Power	Battery Powered (Frequent battery replacement)	Battery Powered (Frequent battery replacement)	Wireless Charging (Continuous use time)
Self Diagnose	Low battery alert	Low battery alert	Self diagnose with failure alert
Vibration Sensor	None	None	Sensor and alert for vandalization
Security	RFID Card (Low Security)	RFID Card (Low Security)	Biometric recognition thru AES algorithm (High Security)

Experience of Satisfactions

Time saving

The Klacci's SimpliLodging is all about experience. Through the available mobile phone app, the guest can personalize their lodging experience even before they start the journey. Reserving their rooms by preference, checking-in for their stay, requesting room service, ordering in-room dining, making appointment for accommodation services can all be done before the guest steps into the lodging place. When the guest is presence for their stay, fast check-in process skipping the front counter is always a privilege for them.

New and Innovative

When it comes to access point control, smart cards have became a popularity in the lodging industry mainly the given convenience of adjusting authorization and low cost of replacement. The SimpliLodging is taking advantage of the smart card access while adding a higher level of biometric verification that could be done on the guest's mobile phone for the guest or lodging administrator to choose with. No physical card or key is necessary which the mobile phone is also the controller to the in-room temperature and lightings.





The Innovative Solution

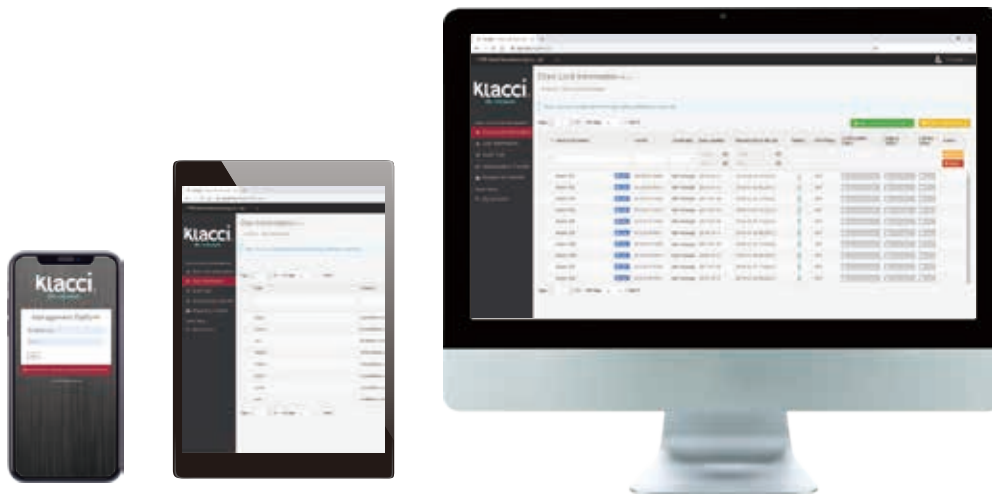
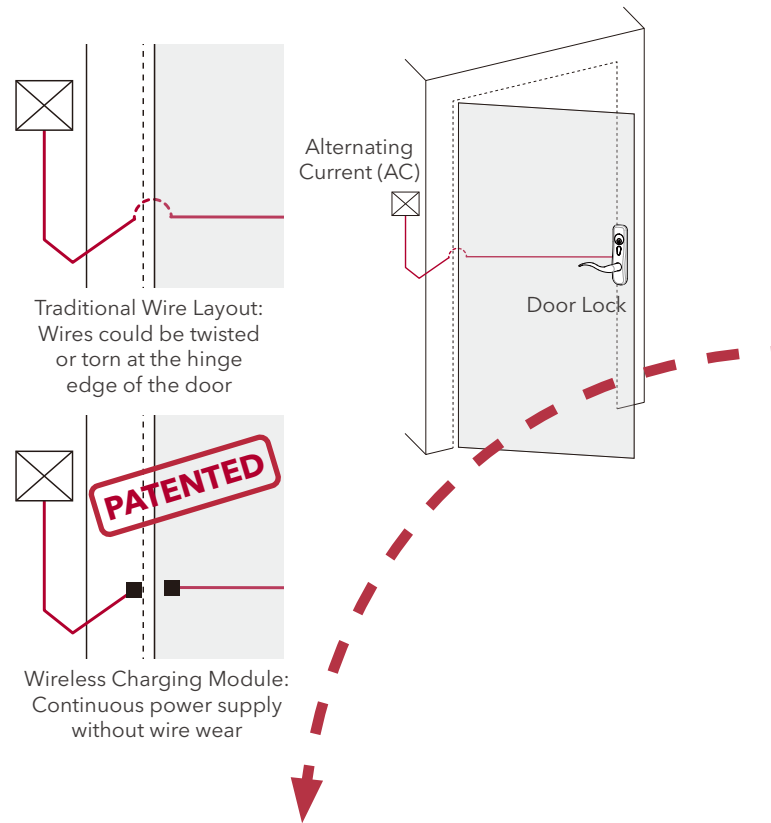
Smart Room Control with Sensing Module Integrated

WiFi Network and Wireless Charging Technology

Two-way data communication is the core of the age of IOT. With the wireless charging module in the WiFi network (or supported LoRa network), the devices receive continuous AC power supply without wire wear around the hinge edge of the door and no more battery replacement is necessary.

- The wireless charging module integrated lock is powered by a lithium battery and recharged through the wireless charging module for continuous power supply. This provides an advantage over the traditional battery powered lock in power consumption when transmitting data.
- No more battery replacement.

* Wireless charging module is an optional feature.



The Administrator

Automation of the Platform Management Network: Big Data Convergence in an Instant

No manual process is required not only when it comes to authorization or de-authorization of access credentials, remotely updates access point setting or housekeeping equipment, the platform network also automatically collects data on the user audit trail and preference as an analysis tool to provide value-added service.

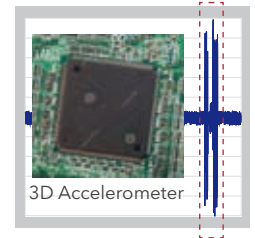
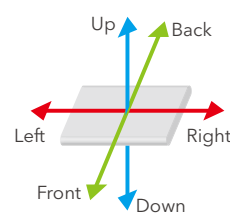
- App integrated with the biometric recognition API.
- Access to the housekeeping system database.
- Integration of web service based front-end and back-end platform.



The Terminal Lock



The Guests



Self-diagnose and Real-time Monitoring Technology

Self diagnose-and-alert locks report real-time status back to the management platform or to the central control room through the WiFi network. Manual logging and lock maintenance are no more of the routine work. The build-in vibration sensor also detects when damages are made to the door to ensure hazards across the premise are monitored and reacted timely.

- Self diagnose locks.
- Real-time monitoring and alerts.

* Self-diagnose and monitoring is an optional feature.

Smart Card

The smart card is suitable for assigning or revoking access to long term or temporary tenants. Its use can be vast, not only can it be used to unlock doors, but it can also be used for other access such as elevators, accommodation services or rental systems.

- Credentials can be quickly assigned or revoked by the administrator.
- The smart card is completely secured by secure messaging.

Specifications

Standard	Conforms to ISO/IEC 14443-A standard.
Card Type	Mifare® Classic, Mifare® DESFire, Mifare® Plus.
Frequency	13.56 MHz.
Material	PVC.
Size	3-3/8" × 2-1/8" × 1/32" (85.6mm x 54mm x 0.8mm).

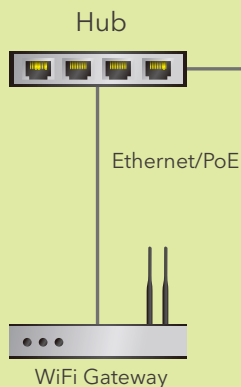
Biometric Recognition and Advanced Encryption Technology

Utilizes biometrics recognition as the user's unique credential while all electronic data transmission are encrypted through the Advanced Encryption Standard. Available push notifications setup from the personal device provides personalized alerts and messages.

- Unique biometric credentials as used by the user's smartphone (eg. passcode, fingerprint, face recognition, etc.).
- Advanced Encryption Standard (AES) protection.
- The user's smartphone is the recognition medium.
- Compatible with iOS and Android system.

Move in / Check out

Hubs, access control panels and gateways serve as a bridge for wired and wireless connections between the database server and each room's lock, data updates are done remotely and in real time through the WiFi network, which is also available to support the LoRa network



Ethernet



Check out

Move in

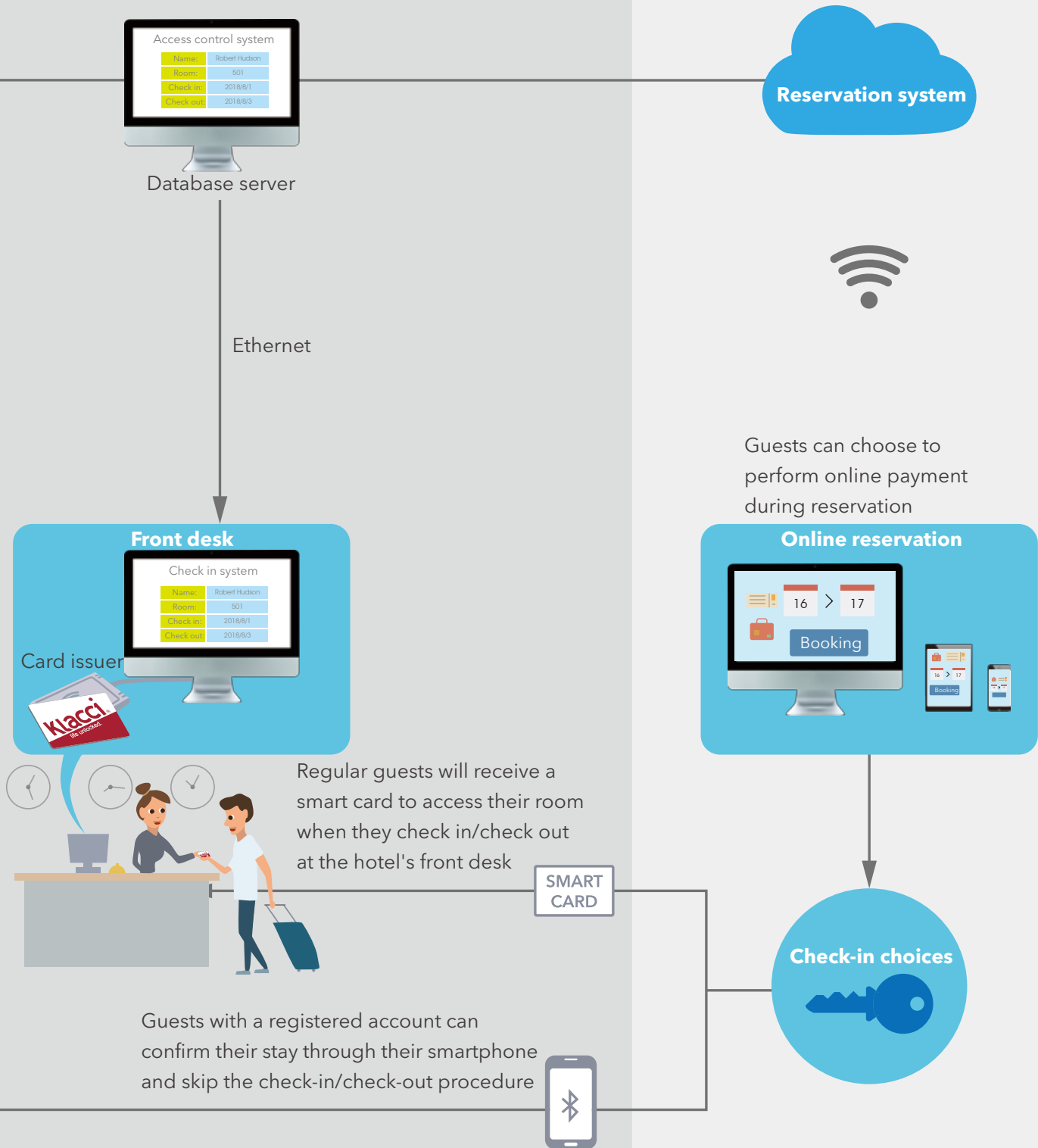


Efficiency

with Real-time Online System

Check in

Booking



All hotel entrances can be connected wiredly or wirelessly to enhance data transfer and management efficiency. Any changes in access rights are updated instantly without the need to approach each entry and do it manually.

All You Need for Access Security

Apart from our reliable and flexible access control solutions for hospitality applications, an extensive selection of door hardware is available to complement and match your need.



**Electrical
iF Series Facial
Recognition Smart Lock**



**Electrical
iK Series Smart
Keypad Lock**



**Mechanical/electrical
Mortise Locks**



**Mechanical/electrical
Exit Devices**



Flush Bolts



Door Closers



Door Coordinators



Electric Strikes



About Klacci

Klacci, a registered brand of the world-renowned I-TEK Company, provides home and business owners with second to none lock products, offering an extensive selection of mechanical, electrical and biometric locks that truly reflect the needs of modern lifestyle.

Spanning both the commercial and residential markets, Klacci's drive for design excellence and innovation is only matched by I-TEK's undeniable manufacturing expertise which spans more than 5 decades.

Safety and Security

Klacci, a registered member of the Builders Hardware Manufacturers Association (BHMA), possess an Intertek certified and ISO17025 compliance laboratory within its facility which is one of the few kinds in Asia.

Our laboratory is capable of performing different testing to make sure all of our products meet and exceed the minimum requirements that are specified by the respective standards in ANSI/BHMA, UL, ASTM etc before the products are installed on the door to keep you safe.

Certificates

All products are also continuously certified under the Follow-up Service program for meeting the most updated mechanical lock and electrical access control standards. The UL10C Standard for Positive Pressure Fire Tests listing of our products is also Klacci's commitment to take part in the mission of life safety and security.





Chroma ELECTRICAL SAFETY ANALYZER
MODEL 19032

TEST-700V-500VAC

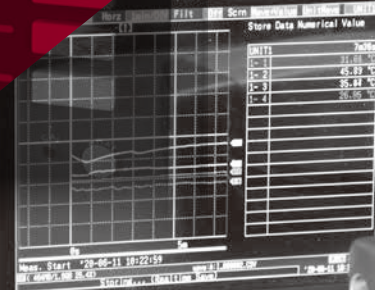
MODE	OUTPUT	MEASURE	RES.	OFFSET
01	AC	0.500 kW	0.026 mAPASS	GET Cs
				PAGE UP
				PAGE DOWN
				SCANNER-1
				12345678
				AC

Test Time: 0.0 s Remote Lock Offset Error



USE 120VAC

HIOKI





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