Main material and finish:
Black painted (high salt mist resistant) ZDC housing, handle, stainless steel cam

Application:
Handle quarter-turn, one point locked stroke is 25mm, 3 point locked; without changing the structure, you can open the door either RH or LH by changing the direction of the position device; changing the part of electronic box, the electronic lock can become the mechanism lock.

Electronic Lock Instruction:
1. Rated voltage DC12V, rated current 250-300 mA (electricity charged no more than 40 seconds).
2. Red line: positive; blue line: negative.
3. Green and yellow: signal line. Signal line off with lock opened, signal line on with lock closed.
4. Control mode: electronic lock can be connected with various type of controllers to control the locks' opening and closing. When the lock control line is not charged, lock is closed; when charged, lock is opened. The lock can not be charged for long time.

Assemble Requirement:
In the assembling process, the operator should wear gloves and not hammer the lock to avoid any possible damage to lock accessories.

Make sure the door is horizontal when assembling. The fix hole on frame matches with the shape of lock. Do not hammer the lock and clear the surface of the lock by using chemical material to avoid corrosion the coating.

After assembling, the lock should be horizontal to the door and vertical to the ground. The gaps between the lock and the cut out can reach waterproof IPX6 without being filled in with any glue.

Opening step:
1. When power on, the green signal starts to shine.
2. Press the round position on swing handle, the swing handle will bounce from lock body. (If without press, the green signal is always shining to wait for opening, until power off).
3. Rotate the handle, drive the cam, rod etc to realize the open function.
Brief Introduction of IC Card Cabinet Network Control System

IC card cabinet network control system is intelligent detection control systems that can remotely control the cabinet door through the network. The site operators can open the corresponding cabinet door by using the authorized password or IC card. Different doors can use different passwords or IC cards. The IC card can set different levels and validity. Different levels of IC card can open different ranges of cabinet locks. Setting validity can effectively manage the operators: overdue card cannot open the door so that we can prevent illegally opening by resigning staff, and we can manage temporary. If the operator forgets to take the card (or other reasons), he can call backstage crew to remotely open the door. If the operator loses the card, he can report the loss. And the system has a sensor to show the state of the door and lock. If someone illegally opens or long time opens the door, it will alarm. The system can promote the efficiency of the management and the security of the door. It is an inevitable trend of high grade cabinets and base stations.

IC card cabinet lock control system includes: 1 set of cabinet lock control software and several hardware subsystems. Hardware subsystem is made up of one cabinet lock control terminal, several cabinet locks, and one card swiping device or locks with such device. Card swiping device is connected with lock control terminal through 485 bus, and also through the cabinet lock control terminal conduct authentication, to control corresponding cabinet lock respectively. Cabinet lock control terminal is connected with cabinet lock management computer through a LAN or the Internet, wireless networks. Cabinet lock control terminal number can be set 256 area no. and 256 device no., 1 IP address, 1 port, a remote IP address and port, six switch outputs, six switch input interfaces, and a RS232 interface. The system communicates with the computer by UDP protocol for better networking.

Swiping card standard: ISO/IEC 14443 TYPE A and compatible card reader. The card has 16 sectors, each of card of 64 bytes, which has very good confidentiality and uniqueness. It also can be written a variety of authorization information to meet customer demand and future extensions. Card and swiping device is with key management of both manufacturer and user, to ensure the reliability of the system. User key codes is made up of 12 digits from 0-9 and A-F letters, and is mastered by three researchers to enhance the security. At the same time it uses the uniqueness of the card number for card authorization to make gating system card certification technically uncrackable.

Software functions: user management, personnel management, card management, equipment management, detection and control management, report forms (on-site, remote, abnormal, etc.) management, system management, security management, etc. It’s SQL SERVER database.
IC card electronic lock operation instructions:

1. Under locking condition, light is dark and buzzer is silent.
2. When lock is opened, the buzzer make a short sound to indicates action of card swiping and the card device itself or controller will check card’s identification meanwhile; if card is authorized, the buzzer make a long sound and green light shines&blinks to indicates the lock is successfully opened; meanwhile information of “successfully open” will be sent out through RS485 communication interface.
3. Push the circular position on swing handle (if not pushed, green light blinks all the time to wait for operation until control line is out of electricity), the swing handle will bounce from lock body and rotate to drive the cam,rod and other mechanism motion to complete lock opening action. When lock is opened under abnormal condition, information of “abnormally open” will be sent out through RS485 communication interface.
4. Close the lock and red light goes out after shining 5 seconds.

Usage of simple type hand-held electronic key:

1. Press “*” key to switch on the electronic key. The red light will light every second.
2. Press “#” key to deliver the open signal, the green light is long bright and red light blinks rapidly.
3. After the electronic key is inserted into the lock, if the verification is correct, the green & red light flash synchronously, meanwhile the key can drive the electronic insert rotating to open the lock. If the verification is incorrect, the green light is on and red light flash rapidly; the electronic key can not open the electronic insert.
4. To switch off, the key should be pushed “*” again to return to the first step. The red light will light every second, and then it will be automatically closed after 10 seconds. If you do not Press the key, the red light will keep blinking in the lock-opened situation and 10 seconds later it close automatically.
5. Can replace SJ TC01, TC02, and TC03 series.

Usage of password type hand-held electronic key

1. Press “*” key to switch on the electronic key. The red light will light every second.
2. Then Press key “123412#” successively to deliver the open signal, the red and green light will blink rapidly.
3. After the electronic key is inserted into the lock, if the verification is correct, the green & red light flash synchronously, meanwhile the key can drive the electronic insert rotating to open the lock. If the verification is incorrect, the green light is on and red light flash rapidly; the electronic key can not open the electronic insert.
4. To switch off, the key “*” should be pushed again to return to the first step. The red light will light every second, and then it will be automatically closed after 10 seconds. If you do not Press the key, the red light will keep blinking in the lockopened situation and 10 seconds later it close automatically.
5. Can replace SJ TC01, TC02, and TC03 series.
MS713-4 e-lock has no power itself and it is micro power driven. It is consist of special physical construction and electronic control part. The electronic control part is controlling module which locates in lock insert, and in charge of communicating and power getting with e-key. If lock number, key number and code are matched, the lock can open. Repetition rate of lock number is extremely low.

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MS834-7 e-lock has no power itself and it is micro power driven. It is consist of special physical construction and electronic control part. The electronic control part is controlling module which locates in lock insert, and in charge of communicating and power getting with e-key. If lock number, key number and code are matched, the lock can open. Repetition rate of lock number is extremely low.

New Item, Pls Kindly Contact Our Engineers Before Order.
Electronic lock instruction:
1. Rated voltage DC 12V, rated current 300mA;
2. Red line: positive; blue line: negative;
3. Control mode: electronic lock can be connected with various type of controllers to control the locks’ opening and closing. When the lock control line is not charged, lock is closed; When charged, lock is opened. The lock can not be charged for long time.

Main material and finish:
Nickel plated carbon steel cover, bright chrome ZDC lock core