

GUIDE TO

GOAL[®]

SINCE 1914

LOCKS

EU

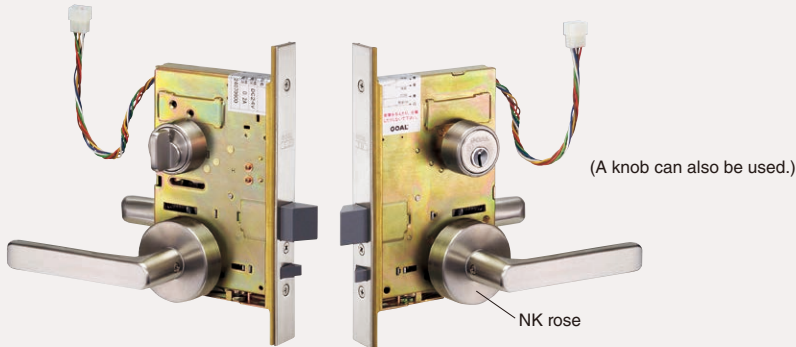
Function-switching electric locks EU series

EUT, EUTP (Fail secure, fail secure with anti-panic function)

EUR, EURP (Fail safe, fail safe with anti-panic function)

Applications Controlled building entrances, emergency exits, etc.

- **V-EUT-5NU11S(NK)** (backset: 76 mm)
(Photo shows a V18 cylinder, NU lever handle, dull stainless steel finish.)



- **A front with guard plate**
(L type front) is also available.



(* The front with guard plate is a special order product.)

- **V-EUT-5Q**



(Cup handles can also be used.)

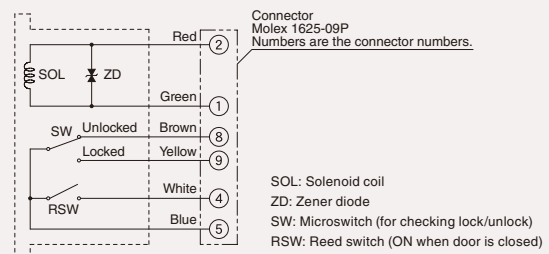
When installing, it is possible to select fail secure type or fail safe type. The anti-panic function can be added to either side.

Features

- The electric lock function (T type EUT or R type EUR) can be easily changed. (It is changed by means of a switch inside the front.)
 - **EUT** (Fail secure type): The lock is unlocked while it is energized and locks when the supply of power stops. (When the lock is not energized, the door locks automatically when it is closed.)
 - **EUR** (Fail safe type): The lock is locked while it is energized and unlocks when the supply of power stops. (When the lock is energized, the door locks automatically when it is closed.)
 - The side where the anti-panic function is added can also be switched. It can be added to either the left or right side of the lock case, allowing the same type to be used for any lock handing.
- * The anti-panic function can be added to the desired side by operating the switch.
- Can be unlocked using the key or thumbturn.
 - **EUT, EUR**: When unlocked using the key or thumbturn, the lock remains unlocked until the lever handle (knob) is operated. Once the lever handle (knob) has been operated, the lock returns to the locked state.

Circuit diagram

- **Internal circuit diagram**
(Diagram shows the conditions when the door is opened and unlocked.)



▼ Information

Precautions
Table of contents /
Product list
Basic information

Cylinders
Keying
systems

▼ Locks

Push-pull
locks

Lever
handle
locks

Mortise
locks

Integral
locks
Cylindrical
locks

Rim dead
locks

Dead locks
Cremon
locks
Glass door
locks

Emergency
locks
Cup handle
locks

Sliding
door locks

▼ Electric locks
Security systems

Ten-key
pads

Key switches
Interlock /
emergency
door
systems

Hotel card
locks

Electric
locks

Electrical
conductors,
Control
boxes

Dimensions

■ EU function switching method (Can be switched as needed either during or after installation.)

● **Switching procedure** ⚠ Operate the switch when the electric lock is not energized.

① Remove the lock front.



② Loosen the switch holder plate screw and move the holder plate.



③ Use a tool to operate the switch.



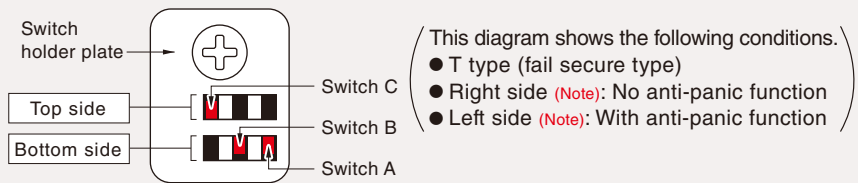
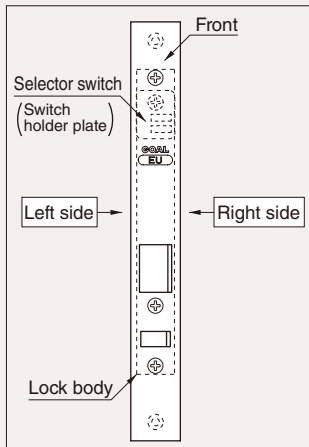
④ After operating the switch, put the holder plate back in its original position and securely tighten the screw.



(The function selector switch is set at the time of shipping according to the ordered model and model No. Switch the function as needed.)

● **Relationship of switch position and function**

| Switch position \ Switch | Switch C | Switch B | Switch A |
|--------------------------|--|--------------------------------|---|
| Top side | There is an anti-panic function on the left side. (Note) | R type (Fail safe type: EUR) | There is an anti-panic function on the right side. (Note) |
| Bottom side | No anti-panic function on the left side. (Note) | T type (Fail secure type: EUT) | No anti-panic function on the right side. (Note) |



Note: The left side and right side refer to the left and right sides of the lock when viewed from the lock front as shown in the figure at left.

■ **Specifications (Door thickness: ## mm or more~less than ## mm)**

| | Electrical specifications | |
|---|--|---|
| | Operation type (series) | Fail safe type (R type: EUR) / Fail secure type (T type: EUT) |
| When equipped with anti-panic function | EURP | EUTP |
| Rated voltage | 24 V DC (Working voltage range 19 V~27 V DC) | |
| Rated current | 0.2 A (continuous energizing) | |
| Switch capacity | Microswitch (for checking lock/unlock): 24 V DC, 0.1 A | |
| | Reed switch (for checking door open/closed): 24 V DC, 0.1 A (resistance load) Pay particular attention because the reed switch is ON when the door is closed. | |
| Working temperature range | -10~50°C (Must be no freezing or condensation.) | |
| Lead wire (with connector) | Length 200 mm (Molex 1625-09P) | |
| Electrical conductors | RCL-27 (Refer to P.72.) | |
| Control box | RCB-730, RCB-500 (Refer to P.73.) | |
| Backset | 76 mm | |
| Door thicknesses (Contact GOAL for more information.) | Lever (NK rose): 29~33 / 33~38 / 38~43 / 43~48 / 48~53 mm (For 29~33 mm, a spacer is required.) | |
| | Lever (EU rose): 29~33 / 33~38 / 38~43 / 43~48 / 48~53 mm Knob: 29~33 / 33~43 / 43~53 mm (However for a P or S type, the minimum is 33 mm.) | |
| Gap (door and jamb) | 6 mm or less | |
| Lever handles | NU, KU, TU, and various other types are available. (Refer to P.25~28.) (NK rose and EU rose are available.) | |
| Knobs | Q, K, Y, B, S, P types, etc. (Refer to P36.) | |
| Cylinder [symbol] (Note) | GP [GP], V18 [V], GV [GV], 6 pins [P], 7 pins [Z] | |
| Key systems | Various key systems available (MK, GMK, GGMK, CNK, etc.) (V18, GV cylinders: Optional key change systems are also available.) (GV: Optional Universal Key System (UKS2) available) | |
| | Thumbturn Standard type only | |

Note: Production of new master key plans for 6-pin and 7-pin cylinders discontinued as of March 2017.

■ **List of EU series models**

When ordering, add the cylinder symbol to the model, for example V-EUT-5NU11S.

| Compatible cylinders and cylinder symbols | Model (Note 1) (is the cylinder symbol.) | (Inside) | Illustration (Note 2) | (Outside) |
|---|---|---------------|-----------------------|---------------|
| — | EUR EUT -3** | Thumbturn | | — |
| | | Lever or knob | | Lever or knob |
| GP (GP) V (V18) GV (GV) P (6-pin) Z (7-pin) | -EUR EUT -5** | Thumbturn | | Cylinder |
| | | Lever or knob | | Lever or knob |
| | | Cylinder | | Cylinder |
| | | Lever or knob | | Lever or knob |
| GP (GP) V (V18) GV (GV) P (6-pin) Z (7-pin) | -EUR EUT -6** | Cylinder | | Cylinder |
| | | Lever or knob | | Lever or knob |
| | | — | | Cylinder |
| | | Lever or knob | | Lever or knob |
| GP (GP) V (V18) GV (GV) P (6-pin) Z (7-pin) | -EUR EUT -7** | — | | Cylinder |
| | | Lever or knob | | Lever or knob |
| | | — | | Cylinder |
| | | Lever or knob | | Lever or knob |
| GP (GP) V (V18) GV (GV) P (6-pin) Z (7-pin) | -EUR EUTP -7** | — | | Cylinder |
| | | Lever or knob | | Lever or knob |
| | | — | | Cylinder |
| | | Lever or knob | | Lever or knob |

Note 1: * indicates the lever or knob design and finish symbol.
2: The illustration shows a dimple key for a V18 cylinder.

ELSF
ESSF

Electric locks (type locked and unlocked by an instantaneous flow of current)
ELSF (lever type), **ESSF** (knob type)

Applications Controlled building entrances, apartment building common entrances, office entrances, home entrances, etc.

- **V-ELSF-5NU11S** (backset: 76 mm)
(Photo shows a V18 cylinder, NU lever handle, dull stainless steel finish.)



- For a knob type, **V-ESSF-5Q**



(Cup handles can also be used.)

These electric locks are locked and unlocked by an instantaneous flow of current.

Features

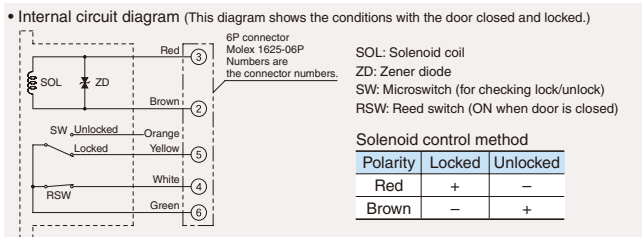
- These electric locks lock and unlock when they are instantaneously energized.
- They can also be electronically locked and unlocked using the key or thumbturn.
- Can be electrically unlocked even when large side pressure is acting on the door.
- A signal can be output for checking the locked/unlocked and door open/closed status.
- ELS and ESS types with status indicator lamps are also available.

ELSF, ESSF, ELM, ESM specifications (Door thickness: ## mm or more-less than ## mm)

| | Model | ELSF, ESSF (Note 1) | ELM, ESM |
|---------------------------|---|---|-------------------------------|
| Electrical specifications | Rated voltage | 24 V DC (Working voltage range 19 V~27 V DC) | |
| | Rated current | 0.32 A (energizing time 0.2 seconds, energizing rate 1/20) | 0.2 A (continuous energizing) |
| | Switch capacity | Microswitch (for checking lock/unlock): 24 V DC, 0.1 A Reed switch (for checking door open/closed): 24 V DC, 0.1 A (resistance load) (Reed switch is ON when the door is closed.) | |
| | Working temperature range | -10~50°C (Must be no freezing or condensation.) | |
| | Lead wire (with connector) | Length 200 mm (Molex 1625-06P) | |
| | Electrical conductors | RCL-21, 21U (Refer to P.72.) | |
| | Control box | RCB-730, 500, others (Refer to P.73.) | |
| | Backset | 76 mm | |
| | Door thicknesses (Note 1) (Contact GOAL for more information.) | 29~33 / 33~43 / 43~53 mm (However for an S type, the minimum is 33 mm.) | |
| | Gap (door and jamb) | 6 mm or less | |
| Lock specifications | Lever handles (ELSF, ELM) | NU, KU, TU types, etc. (Refer to P.25~28.) | |
| | Knobs (ESSF, ESM) | Q, Y, K, S, B types (Refer to P.36.) * Cup handles can also be used (door thicknesses 33 mm or more). | |
| | Cylinder [symbol] (Note 2) | GP [GP], V18 [V], GV [GV], 6 pins [P], 7 pins [Z] | |
| | Key systems | Various key systems available (MK, GMK, GGMK, CNK, etc.) (V18, GV: Optional key change system available) (GV: Optional Universal Key System (UKS2) available) | |

Note 1: ELS and ESS types with lamps are available, however the door thickness specifications are different. Please contact us.
2: Production of new master key plans for 6-pin and 7-pin cylinders discontinued as of March 2017.

ELSF, ESSF circuit diagram



ELM
ESM

Electric locks (unlocked when energized type)
ELM (lever type), **ESM** (knob type)

Applications Office entrances, home entrances, etc.

- **V-ELM-5NU11S** (backset: 76 mm)
(Photo shows a V18 cylinder, NU lever handle, dull stainless steel finish.)



- For a knob type, **V-ESM-5Q**
(Photo shows a V18 cylinder and Q knob.)



(Cup handles can also be used.)

These electric locks are unlocked when energized, and lock when the power is turned off.

Features

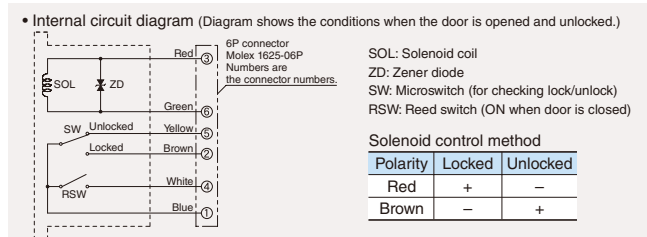
- The lock remains unlocked while it is energized, and locks when the supply of power stops.
These electric locks can be unlocked electrically. (They cannot be locked electrically.)
The lock will be locked in the event of a power outage or severed wire.
- Can be kept unlocked using the key or thumbturn.
When the lock was mechanically unlocked using the key or thumbturn, the door will not lock automatically when it is closed.
- When the key or thumbturn is in the locked position and the door is closed, the door locks automatically.

List of ELSF, ESSF, ELM, ESM series models

When ordering, add the cylinder symbol to the model, for example V-ELSF-5NU11S.

| Compatible cylinders and cylinder symbols | Model | (Inside) | Illustration | (Outside) |
|---|--|--------------|--------------|--------------|
| — | ELSF ELM -3** (ESSF ESM -3*) | Thumbturn | | — |
| | | Lever (knob) | | Lever (knob) |
| | | — | | Cylinder |
| GP (GP) V (V18) GV (GV) | ELSF ELM -5** (ESSF ESM -5*) | Thumbturn | | Cylinder |
| | | Lever (knob) | | Lever (knob) |
| | | — | | Cylinder |
| P (6-pin) Z (7-pin) | ELSF ELM -6** (ESSF ESM -6*) | Cylinder | | Cylinder |
| | | Lever (knob) | | Lever (knob) |
| | | — | | Cylinder |
| GP (GP) V (V18) GV (GV) | ELSF ELM -7** (ESSF ESM -7*) | — | | Cylinder |
| | | Lever (knob) | | Lever (knob) |
| | | — | | Cylinder |

ELM, ESM circuit diagram



▼ Information

Precautions
Table of contents /
Product list
Basic information

Cylinders
Keying
systems

▼ Locks

Push-pull
locks

Lever
handle
locks

Mortise
locks

Integral
locks
Cylindrical
locks

Rim dead
locks

Dead locks
Cremon
locks
Glass door
locks

Emergency
locks
Cup handle
locks

Sliding
door locks

▼ Electric locks
Security systems

Ten-key
pads

Key switches
Interlock /
emergency
door
systems

Hotel card
locks

Electric
locks

Electrical
conductors,
Control
boxes

Dimensions

EMV Electric dead lock (motor lock) EMV series

Applications Apartment building common entrances, office entrances, home entrances, emergency exits, etc.

- **V-EMV-5**
(Photo shows a V18 cylinder with backset 64 mm.)



Precautions: Use with a side pressure on the deadbolt of 49 N or less.

These electric locks use a motor to operate the deadbolt and lock/unlock the door.

Features

- The lock is locked and unlocked by the action of an electric motor contained within the lock.
- Can also be locked and unlocked using the key or thumbturn.
- Because the lock body is compact, it can be installed even on narrow vertical frames.

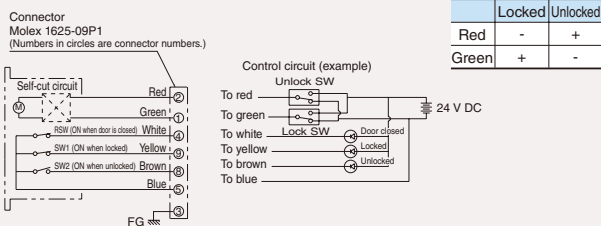
Specifications (Door thickness: ## mm or more-less than ## mm)

| | | |
|---------------------------|---|---|
| Electrical specifications | Model | EMV(9P connector) |
| | Rated voltage | 24 V DC (Working voltage range 19 V~27 V DC) |
| | Rated current | 0.2 A (with self-cut function) (The power capacity must be 0.5 A or more.) |
| | Switch capacity | Microswitch (for checking lock/unlock): 24 V DC, 0.1 A |
| | | Reed switch (for checking door open/closed): 24 V DC, 0.1 A (resistance load) Pay particular attention because the reed switch is ON when the door is closed. |
| | Working temperature range | -10~50°C (Must be no freezing or condensation.) |
| | Lead wire (with connector) | Length 230 mm (Molex 1625-09P) |
| | Electrical conductors | RCL-27 |
| | Control box | RCB-730, RCB-500 (Refer to P.73.) |
| | Backset | 38 mm, 51 mm, 64 mm, 76 mm |
| Lock specifications | Door thicknesses (Contact GOAL for more information.) | 29~43 / 43~53 mm |
| | Gap (door and jamb) | 6 mm or less |
| | Cylinder [symbol] (Note) | GP [GP], V18 [V], GV [GV], 6 pins [P], 7 pins [Z] |
| | Key systems | Various key systems available (MK, GMK, GGMK, CNK, etc.) (V18, GV: Optional key change system available) (GV: Optional Universal Key System (UKS2) available) |

Note: Production of new master key plans for 6-pin and 7-pin cylinders discontinued as of March 2017.

EMV, EMV SX circuit diagram

- **Internal circuit diagram**
(This diagram shows the conditions with the door closed and locked.)



Note: Set the motor energizing time within the range of three to five seconds. The power capacity must be 0.5 A or more.

EMV SX Splash-proof electric dead lock (motor lock) EMV SX series

Applications Apartment building common entrances, emergency exits, home entrances, gates, etc.

- **V-EMV SX-5** (backset: 51 mm)
(Photo shows a V18 cylinder with backset 51 mm.)



Precautions: Use with a side pressure on the deadbolt of 49 N or less and only in the vertical orientation that is shown in the photo.

These splash-proof specification electric locks use a motor to operate the deadbolt and lock/unlock the door.

Features

- This is an EMV motor lock with splash-proof specifications. It can be used at entrances, gates, and other locations that are exposed to wind and rain. Because the lock case is completely sealed with silicon, it can withstand use in locations that are exposed to wind and rain.
- The backset is 51 mm only.
- Because the cylinders and thumbturns that are used are different from those used in the EMV, the door thicknesses and door notch dimensions are different from the EMV.

Note: Because the cylinder and thumbturn mounting positions are reversed from those in the EMV (cylinder or thumbturn is on bottom and deadbolt is on top), install the strike plate so that the actuator (magnet) is facing down.

Specifications (Door thickness: ## mm or more-less than ## mm)

* Electrical specifications are the same as EMV.

| | | |
|---|---|--|
| Model | EMV SX(9P connector) | |
| | Backset 51 mm | |
| Door thicknesses (Contact GOAL for more information.) | GP, V18, GV Cylinder | GP, V, GV-EMV SX-5, 7...30~43 / 43~53 mm GP, V, GV-EMV SX-630~40 / 40~50 mm |
| | 6-pin, 7-pin Cylinder | P, Z-EMV SX-5.... 30~45 / 45~55 mm P, Z-EMV SX-6.... 37~47 / 47~57 mm P, Z-EMV SX-7.... 30~55 mm |
| Gap (door and jamb) | 6 mm or less | |
| Cylinder [symbol] (Note) | GP [GP], V18 [V], GV [GV], 6 pins [P], 7 pins [Z] | |
| Key systems | Various key systems available (MK, GMK, GGMK, CNK, etc.) (V18, GV: Optional key change system available) (GV: Universal Key System not supported) | |

Note: Production of new master key plans for 6-pin and 7-pin cylinders discontinued as of March 2017.

List of EMV, EMV SX series models

When ordering, add the cylinder symbol to the model, for example V-EMV-5.

| Compatible cylinders and cylinder symbols | Model | (Inside) | Illustration (Illustration shows EMV.) | (Outside) |
|---|---------------|-----------|---|-----------|
| — | EMV -3 | Thumbturn | | — |
| GP (GP) V (V18) GV (GV) P (6-pin) Z (7-pin) | EMV EMV SX -5 | Thumbturn | | Cylinder |
| GP (GP) V (V18) GV (GV) P (6-pin) Z (7-pin) | EMV EMV SX -6 | Cylinder | | Cylinder |
| GP (GP) V (V18) GV (GV) P (6-pin) Z (7-pin) | EMV EMV SX -7 | — | (In the case of EMV SX, this is a dummy plate.) | Cylinder |

Applications Apartment building common entrances, office entrances, home entrances, gates, emergency exits, etc.

• **V-SXEV-5** (backset: 51 mm)
(Photo shows V-SXEV-5 with V18 cylinder.)



• **Splash-proof V-SXESV-5** (backset: 51 mm)
(Photo shows V-SXESV-5 with V18 cylinder.)



Precautions: 1. Use with a side pressure on the deadbolt (hooked deadbolt) of 19.6 N or less.
2. The splash-proof type SXESV can be used only in the vertical orientation shown in the photo.

These electric locks use a motor to operate the deadbolt (hooked deadbolt) and lock/unlock the sliding door.

Features

- The lock is locked and unlocked by the action of an electric motor contained within the lock.
- Splash-proof SXESV is also available. (The thumbturn is the standard type only.)

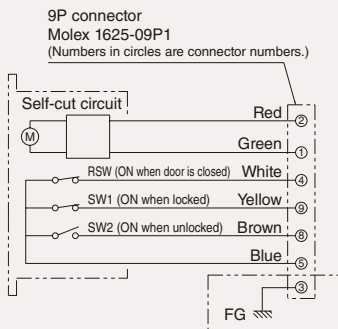
Specifications (Door thickness: ## mm or more-less than ## mm)

| | | | |
|----------------------------|--|--|--|
| Electrical specifications | Model | SXEV, SXESV (Splash-proof) (9P connector) | |
| | Rated voltage | 24 V DC (Working voltage range 19 V~27 V DC) | |
| | Rated current | 0.2 A (with self-cut function) (The power capacity must be 0.5 A or more.) | |
| | Switch capacity | Microswitch (for checking lock/unlock): 24 V DC, 0.1 A | |
| | | Microswitch (for checking door open/closed): 24 V DC, 0.1 A (Pay particular attention because the microswitch is ON when the door is closed.) | |
| | Working temperature range | -10~50°C (Must be no freezing or condensation.) | |
| Lead wire (with connector) | Length 230 mm | | |
| | (Molex 1625-09P) | | |
| Control box | RCB-730, 500 series (Refer to P.73.) | | |
| Backset | 51 mm | | |
| Lock specifications | Door thicknesses (Contact GOAL for more information.) | SXEV | GP,V,GV,P,Z-3,5,6,7..... 29~43 / 43~53 mm |
| | | SXESV | GP,V,GV-5,7..... 30~43 / 43~53 mm GP,V,GV-6..... 30~40 / 40~50 mm P, Z-5 30~45 / 45~55 mm P, Z-7.....30~55 mm P,Z-6 37~47 / 47~57 mm |
| | Gap (door and jamb) | 5 mm or less | |
| | Cylinder [symbol] (Note) | GP [GP], V18 [V], GV [GV], 6 pins [P], 7 pins [Z] | |
| | Key systems | Various key systems available (MK, GMK, GGMK, CNK, etc.) (V18, GV cylinders: Optional key change system available) (GV: Optional Universal Key System (UKS2) available) (Note: Universal Key System for splash-proof type SXESV is not supported.) | |
| Thumbturn | SXEV.....Standard type, TM, TME, other types SXESV.....Standard type only | | |
| Model No. | SXEV-3, 5, 6, 7 SXESV (splash-proof type)-5, 6, 7 | | |

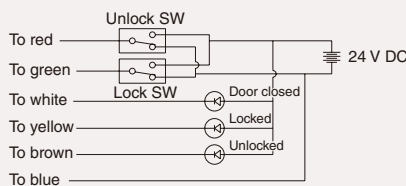
Note: Production of new master key plans for 6-pin and 7-pin cylinders discontinued as of March 2017.

SXEV, SXESV circuit diagram (Note)

• **SXEV, SXESV** (9P connector)



<Control circuit>



Motor lock/unlock operation

| | Locked | Unlocked |
|-------|--------|----------|
| Red | - | + |
| Green | + | - |

Note: Set the motor energizing time within the range of three to five seconds.
The power capacity must be 0.5 A or more.

▼ Information

Precautions
Table of contents /
Product list
Basic information

Cylinders
Keying
systems

▼ Locks

Push-pull
locks

Lever
handle
locks

Mortise
locks

Integral
locks
Cylindrical
locks

Rim dead
locks

Dead locks
Cremon
locks
Glass door
locks

Emergency
locks
Cup handle
locks

Sliding
door locks

▼ Electric locks
Security systems

Ten-key
pads

Key switches
Interlock /
emergency
door
systems

Hotel card
locks

Electric
locks

Electrical
conductors,
Control
boxes

Dimensions

RCL-21,27 Concealed type electrical conductors

RCL-21, 27 series

Information

Precautions
Table of contents /
Product list
Basic information

Cylinders
Keying
systems

Locks

Push-pull
locks

Lever
handle
locks

Mortise
locks

Integral
locks
Cylindrical
locks

Rim dead
locks

Dead locks
Cremon
locks
Glass door
locks

Emergency
locks
Cup handle
locks

Sliding
door locks

Electric locks
Security systems

Ten-key
pads

Key switches
Interlock /
emergency
door
systems

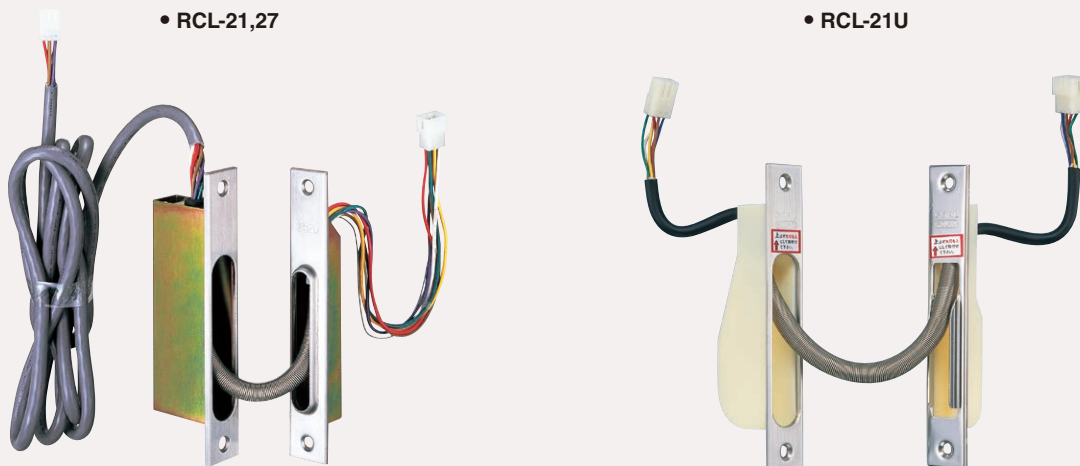
Hotel card
locks

Electric
locks

Electrical
conductors,
Control
boxes

Dimensions

Applications Used for wiring that is connected to electric locks and other products installed on doors.



Precautions: Be aware that a concealed type electrical conductor cannot be used with a center-hanging type door.

Concealed type electrical conductors that the leads are not exposed when door is closed.

Specifications

RCL series concealed type electrical conductor specifications and types of electric locks used

Note: Because the door side cable length is 100 mm, use an extension cord when necessary.

| Model | Number of lead wires | Cable length (mm) | | Front Lock case | Connector | Lead wire (heat-resistant wire) | Electric lock used |
|---------|----------------------|-------------------|------------|-----------------|------------------|---------------------------------|---|
| | | Door side | Frame side | | | | |
| RCL-21 | 6 | 2,000 | 150 | Stainless steel | Molex 1625-06P,R | UL-2586 AWG24 (11/0.16) | <ul style="list-style-type: none"> • ELSF, ELM lever handle-type electric locks • ESSF, ESM mortise lock-type electric locks |
| | | | | Steel plate | | | |
| RCL-21U | 6 | (Note) 100 | 150 | Stainless steel | Molex 1625-09P,R | UL-2586 AWG24 (11/0.16) | <ul style="list-style-type: none"> • EMV, EMVSX electric dead motor lock (Refer to P.70.) • EU series function-switching electric locks (Refer to P.67,68.) |
| | | | | ABS plastic | | | |
| RCL-27 | 7 | 2,000 | 150 | Stainless steel | Molex 1625-09P,R | UL-2586 AWG24 (11/0.16) | <ul style="list-style-type: none"> • EMV, EMVSX electric dead motor lock (Refer to P.70.) • EU series function-switching electric locks (Refer to P.67,68.) |
| | | | | Steel plate | | | |

RCB-500 Electric lock control boxes

RCB-500 series

Applications Control of electric locks

- RCB-505 (for 5 lines)



• Operation panel

RSP-410U

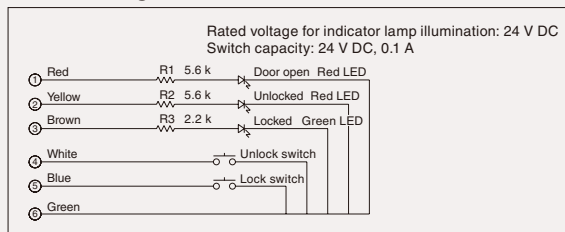


RSP-410UH

(With unlock hold function)



■ Circuit diagram



Precautions:

1. This product uses indoor specifications. Do not use it in locations that are exposed to contact with rainwater.
2. When used with an interlock door system, there is no operation button or indicator lamp. The size is the RCB-505 size.

Specifications

| | |
|-------------------------------------|--|
| Model | RCB-501~RCB-515 (The last 2 digits of the model number are the number of lines.) |
| Number of lines that can be used | 1~15 lines (Each line can control a different electric lock.) |
| Compatible electric locks | <ul style="list-style-type: none"> • ELSF, ELM series lever handle-type electric locks (Refer to P.69.) • EMV, SXEV series motor locks (Refer to P.70.) • EU series function-switching electric locks (Refer to P.67,68.) • ESSF, ESM series mortise lock-type electric locks (Refer to P.69.) |
| Input voltage, rated output voltage | 100 V AC (50/60 Hz), 24 V DC |
| Power consumption | Varies depending on the type of electric locks used and the number of lines. |
| Standard external dimensions (mm) | RCB-501~RCB-505: Width 400 × Height 300 × Thickness 120 RCB-506~RCB-510: Width 400 × Height 550 × Thickness 120 RCB-511~RCB-515: Width 400 × Height 800 × Thickness 120 |
| Standard finish | Baked coating (Munsell 2.5Y-9/1 semi-gloss) |
| External input | Operation panel RSP-410U, etc. (Maximum 3 can be connected per line.) |
| Special function (symbol) (options) | <ul style="list-style-type: none"> • 24-hour timer (A) • Weekly timer (B) • Interlock control function (H) • Spare power supply function (F) • Forced unlock of one electric lock one time only in the event of a power outage (L) (Motor locks, instantaneous flow of current types) • Various other functions are available. |

RCB-730 Electric lock controllers

RCB-730

Applications Control of electric locks

- RCB-730



• Operation panel

RSP-410U



RSP-410UH

(With unlock hold function)



- Precautions: This product uses indoor specifications. Do not use it in locations that are exposed to contact with rainwater.

Specifications

| | |
|---------------------------|---|
| Model | RCB-730 |
| Input voltage | 100 V AC (50/60 Hz) |
| Power consumption | 10 VA (maximum) |
| Rated output voltage | 24 V DC |
| Working temperature range | -10~+40°C (Must be no freezing or condensation.) |
| Compatible electric locks | <ul style="list-style-type: none"> • ELSF, ELM series lever handle-type electric locks (Refer to P.69.) • EMV, SXEV series motor locks (Refer to P.70,71.) • EU series function-switching electric locks (Refer to P.67,68.) • ESSF, ESM series mortise lock-type electric locks (Refer to P.69.) |
| External input | <ul style="list-style-type: none"> • Can connect to RSP-410U, 410UH operation panels (maximum 4). • Unlock can be held by non-voltage a contact input. |

▼ Information

Precautions
Table of contents /
Product list
Basic information

Cylinders
Keying
systems

▼ Locks

Push-pull
locks

Lever
handle
locks

Mortise
locks

Integral
locks
Cylindrical
locks

Rim dead
locks

Dead locks
Cremon
locks
Glass door
locks

Emergency
locks
Cup handle
locks

Sliding
door locks

▼ Electric locks Security systems

Ten-key
pads

Key switches
Interlock /
emergency
door
systems

Hotel card
locks

Electric
locks

Electrical
conductors,
Control
boxes

Dimensions

A series of horizontal dashed lines for writing.

GUIDE TO **GOAL**[®] LOCKS

GOAL[®] CO., LTD.

<https://www.goal-lock.com>

〈Head office〉 : 2-16-6, Mitsuyakita, Yodogawa-ku, Osaka, Japan
TEL (06) 6309-1270 FAX (06) 6309-3730 E-mail: eigyo-honbu@goal-lock.com

〈Branches〉

Tokyo : Yokoso Rainbow Tower 10F, 3-20-20 Kaigan, Minato-ku, Tokyo
TEL (03) 3452-6341 FAX (03) 3452-6347 E-mail: tokyo-si@goal-lock.com

Osaka : 2-16-6, Mitsuyakita, Yodogawa-ku, Osaka, Japan
TEL (06) 6308-5441 FAX (06) 6308-5446 E-mail: osaka-si@goal-lock.com

Sapporo, Sendai, Toyama, Nagoya, Hiroshima, Takamatsu, Fukuoka

〈Factories〉

Kyushu, Yonago, Tokushima, Kaoshiung