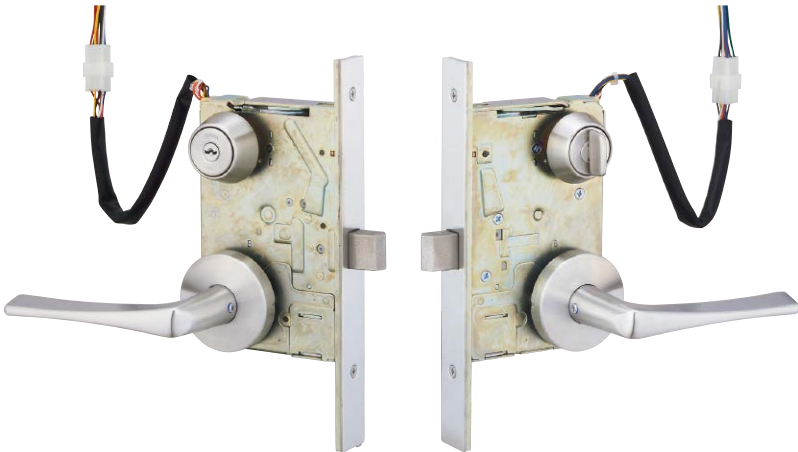


AUT, AUTA AUR, AURA SERIES

ELECTRIC LOCKS FOR DOORWAYS/EMERGENCY EXITS

Function switching type: unlock in energizing, lock in energizing, unlock in energizing with anti-panic function, lock in energizing with anti-panic function

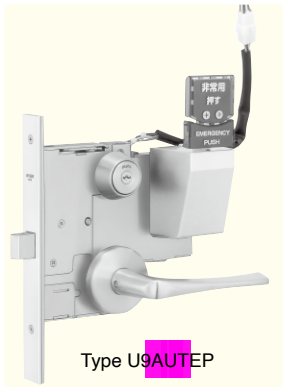
Applications: Common entrances of apartments, building doorways, emergency exits, others.



Type U9AUT51-1 (ST)



Type U9AUTU-1 (ST)



Type U9AUTEF

Either a locked or unlocked position (maintained by a continuous flow of current) is set when a lock is installed and can be changed later.

Electric lock operation can be easily changed with the AUT(A) and AUR(A) models.

- AUT(A) (continuous flow of current maintains unlocked position)
Locks in the event of a power outage. (For doors requiring high security)
- AUR(A) (continuous flow of current maintains locked position)
Unlocks in the event of a power outage. (For emergency exits and doors for which disaster response is a priority.)

When ordering, please specify either model AUT or AUR. Products will be shipped with function set in custom-specified condition.

Automatic locking

- AUT (continuous flow of current maintains unlocked position)
Automatically locks when door is shut with the continuous current cut off.
- AUR (continuous flow of current maintains locked position)
Automatically locks when door is shut with the continuous current flowing.

Can be unlocked with a key or a thumb-turn.

Whether or not electric lock is locked and whether or not door is open can be confirmed electrically. (normally open contact output)

Knob (lever handle) is fixed when door is locked.

Types AUT(A)EP and AUR(A)EP are also available that are equipped with a one-touch operation emergency opening device.

- Note that the door preparations are different from that for AUT(R).
- When emergency unlocking operation is performed, it can be confirmed through electric output (Normally open contact output).
- After emergency unlocking, the lock remains unlocked until the cylinder and thumb turn are operated for locking.

Can be installed using the same preparation as that used for AMT(R) models. Also, a version that fits the preparation for the ALT(R) model is available.

When door is opened the dead-locking latch is in the retracted position (flat-latch structure), so physical exertion latching force is no longer necessary to close it. When door is closed, the latch automatically extends.

Note 1: The clearance between the door and the frame should be no more than 1–6 mm.

Note 2: 9-pin harness is not included. Please order it separately if needed.

Specifications	
Backset (mm)	76, 100
Case depth (mm)	104, 128
Spacing (mm)	95
Door thickness range (mm)	Knob : 33–42, 42–50, 50–58, 58–66
	Lever handle: 33–35, 35–36, 36–38, 38–40, 40–42, 42–44, 44–46, 46–48, 48–50, 50–52, 52–54, 54–56, 56–58, 58–60, 60–62, 62–64, 64–66

Note 1: When door thickness range is 33–36 and to use the lever handle model, please install liner (t1.5) under the round rose.

Note 2: Liner is packed with a lockset.

Functions			
Mountable cylinder	Model	Outside	Inside
U9 WR PR LB JN	AUT*-1 AUR*-1	Cylinder Plain Knob (fixed when locked)	Thumb-turn Plain Knob (fixed when locked)
U9 WR PR LB JN	AUT*-2 AUR*-2	Cylinder Plain Knob (fixed when locked)	None Plain Knob (fixed when locked)
	AUT*-3 AUR*-3	None Plain Knob (fixed when locked)	Thumb-turn Plain Knob (fixed when locked)
U9 WR PR LB JN	AUT*-4 AUR*-4	Cylinder Plain Knob (fixed when locked)	Cylinder Plain Knob (fixed when locked)

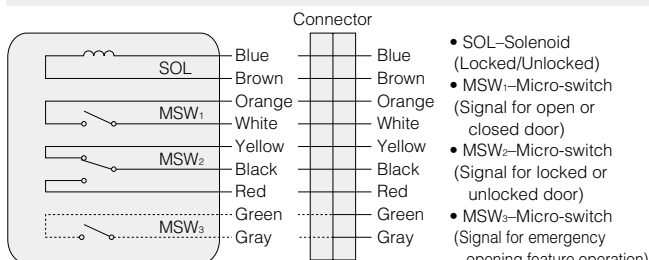
With anti-panic feature

Mountable cylinder	Model	Outside	Inside
U9 WR PR LB JN	AUTA*-2 AURA*-2	Cylinder Plain Knob (fixed when locked)	None Plain Knob

Note: * is knob or lever handle. As for available knobs and handles, refer to PP.26-27 or P.93.

Electrical specifications				
Name	Ratings			
Solenoid (Unlocked)	Voltage DC24V (±20%)	Current 0.3A (±20%)	Load duration time Continuous	Duty cycle 1
Micro-switch (Signal for open or closed door)	Voltage DC24V	Current 2mA–100mA	Requisite clearance within 1–6 mm	
Micro-switch (Signal for locked or unlocked door)	Voltage DC24V	Current 2mA–100mA		
Lead wire	Length = 250 mm (with 9P connector) AWG–24, UL1007 heat-resistant vinyl covered wire.			
Permitted temperature range for use	–10°C to +50°C (no condensation or congelation)			

Inner circuits



(Here the door is unlocked and open)

The dotted line applies to the AUT(A)EP and AUR(A)EP.

(Circuit is made during emergency opening operation)

Drawing: PP.355-357

AUS-E, AUT(R)-E SERIES ELECTRIC LOCK WITH EMERGENCY OPENING DEVICE

Applications: Emergency exits.



This electric lock may be opened in case of emergency by removing the cover and turn the green lever inside without using a key.

Although the type AUT-E is locked automatically each time the door is closed, emergency unlocking operation can be performed any number of times. The same operation is applied to the types AUR-E and AUS-E, when the locks are operated in automatic locking mode by control box.

Door hand

Please specify door hand when placing order.

Functions			
Mountable cylinder	Model	Outside (Inside)	Inside (Outside)
U9 WR PR LB JN	AUS*-1E AUT*-1E AUR*-1E	Cylinder with emergency opening device Lever handle Knob	Thumb-turn Lever handle Knob
U9 WR PR LB JN	AUS*-2E AUT*-2E AUR*-2E	Cylinder with emergency opening device Lever handle Knob	None Lever handle Knob
U9 WR PR LB JN	AUS*-2DE AUT*-2DE AUR*-2DE	Cylinder Lever handle Knob	Emergency opening device Lever handle Knob
U9 WR PR LB JN	AUS*-2EDE AUT*-2EDE AUR*-2EDE	Cylinder with emergency opening device Lever handle Knob	Emergency opening device Lever handle Knob
	AUS*-3DE AUT*-3DE AUR*-3DE	Emergency opening device Lever handle Knob	Thumb-turn Lever handle Knob
U9 WR PR LB JN	AUS*-4E AUT*-4E AUR*-4E	Cylinder Lever handle Knob	Cylinder with emergency opening device Lever handle Knob
U9 WR PR LB JN	AUS*-4EE AUT*-4EE AUR*-4EE	Cylinder with emergency opening device Lever handle Knob	Cylinder with emergency opening device Lever handle Knob

Note 1: Refer to AUS (T, R) series for materials and finishes. Cylinder with emergency opening device is available in stainless steel satin color only.

Note 2: 9-pin harness is not included. Please order it separately if needed.

AUT, AUR,
AUTA, AURA