



Electronic
Hotel Solutions





F1 Series

Body Features

Body Material	SS304 (SS316 Optional)
Color Options	Satin Chrome, Polish Chrome Satin Gold, Polish Gold
Supported Card Type	Mifare 13,56MHz / Temic 125 KHz
Outdoor Durability	Optional
Mechanical Cylinder	Yes
Mechanical DND Latch	Yes
Cylinder Mastering	Yes
304 Stainless Steel Door Handle	Standard
316 Stainless Steel Door Handle	Optional
Zamak Door Handle	-
Brass Door Handle	-
Aluminium Door Handle	-
Plexi with Logo	Yes

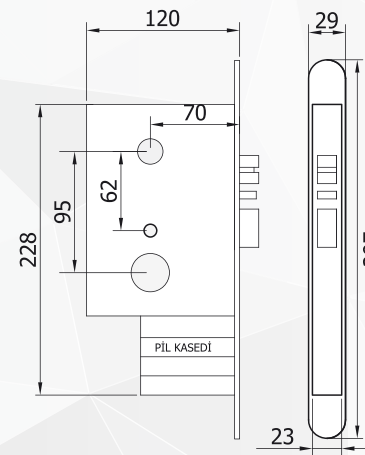
PCB Features

	MF	ME	TM
Reading Frequency	13,56 MHz	13,56 MHz	125 KHz
Battery Type / Life	4xAAA - ~2 year	4xAAA - ~2 year	4xAAA - ~2 year
Working Temp.	-15 / + 60°C	-15 / + 60°C	-15 / + 50°C
Working Voltage	4.5 - 6V DC	4.5 - 6V DC	4.5 - 6V DC
Card Encoding	100.000 times	100.000 times	100.000 times
Card Lifetime	1.000.000 times	1.000.000 times	1.000.000 times
Log Memory	Last 800 Logs	Last 250 Logs	Last 240 Logs
Log Reading	Hand Terminal	Card	Hand Terminal
Detection Method	Microwave	Microwave	InfraRed

STAINLESS STEEL
BODY & HANDLE

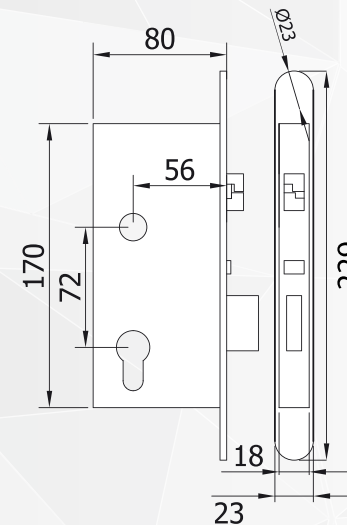


EXTRA
STRONG
STRUCTURE



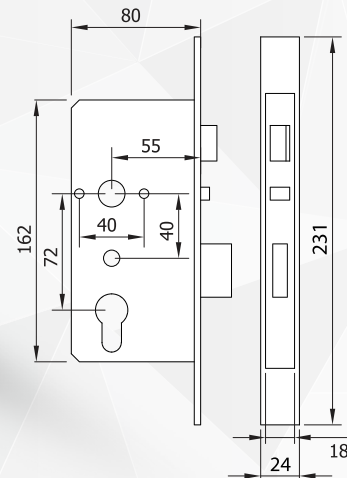
F1A1 Model

Mortise Standard	: ANSI 1
Handle Push Type	: Normally Lock
Mortise Thickness	: 28 mm
Latch Locking	: Yes
Automatic Locking	: N/A
Anti-Panic Exit	: Yes
Motor Location	: Inside Lock



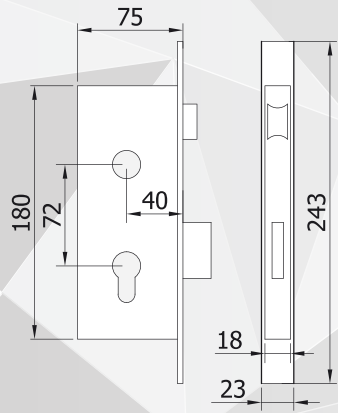
F1E1 Model

Mortise Standard	: EURO - E1
Handle Push Type	: Normally Free
Mortise Thickness	: 23 mm
Latch Locking	: Yes
Automatic Locking	: Yes
Anti-Panic Exit	: Yes
Motor Location	: Inside Lock



F1E2 Model

Mortise Standard	: EURO - E2
Handle Push Type	: Normally Free
Mortise Thickness	: 23 mm
Latch Locking	: Yes
Automatic Locking	: N/A
Anti-Panic Exit	: Yes
Motor Location	: Inside Lock

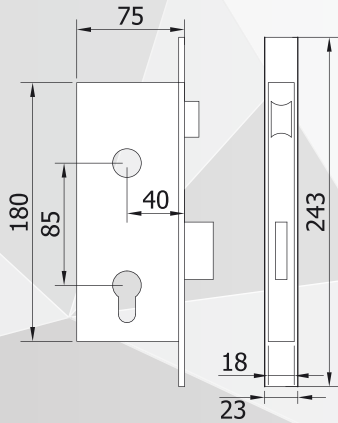
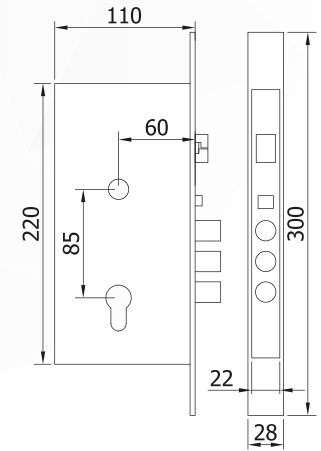


F1Y7 Model

Mortise Standard	: EURO - Y7
Handle Push Type	: Normally Free
Mortise Thickness	: 23 mm
Latch Locking	: Optional
Automatic Locking	: Optional
Anti-Panic Exit	: Optional
Motor Location	: Inside Body

F1L Model

Mortise Standard	: High Security
Handle Push Type	: Normally Free
Mortise Thickness	: 28 mm
Latch Locking	: Yes
Automatic Locking	: N/A
Anti-Panic Exit	: Yes
Motor Location	: Inside Body

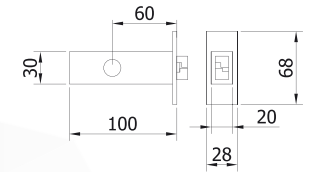


F1Y8 Model

Mortise Standard	: EURO - Y8
Handle Push Type	: Normally Free
Mortise Thickness	: 23 mm
Latch Locking	: N/A
Automatic Locking	: N/A
Anti-Panic Exit	: N/A
Motor Location	: Inside Body

F1K Model

Mortise Standard	: Knob
Handle Push Type	: Normally Free
Mortise Thickness	: 28
Latch Locking	: Yes
Automatic Locking	: N/A
Anti-Panic Exit	: Yes
Motor Location	: Inside Body



HIGH DURABILITY



ISO
9001:2008
REGISTERED



Custom Design
Plexi Samples



Electronic Card Lock Systems

R2 Series

Black

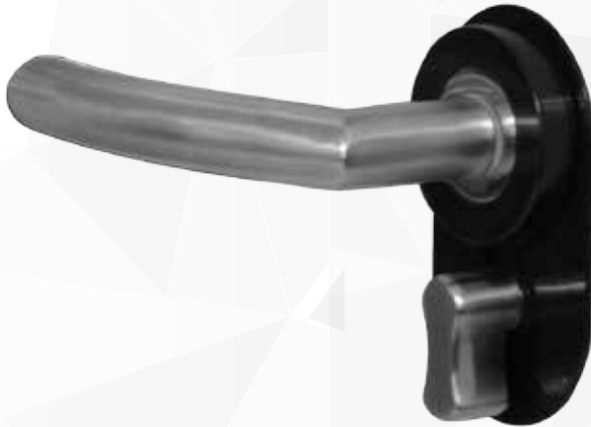
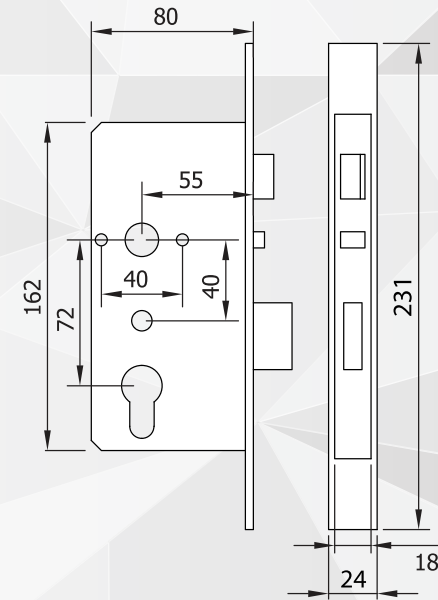


Body Features

Body Material		Steel
Color Options	Standard	EP Shiny White
	Optional	EP Black, All EP Colors
Supported Card Type		Mifare 13,56MHz
Outdoor Durability		Optional
Mechanical Cylinder		Yes
Mechanical DND Latch		Yes
Cylinder Mastering		Yes
304 Stainless Steel Door Handle		Standard
316 Stainless Steel Door Handle		-
Zamak Door Handle		Optional
Brass Door Handle		Optional
Aluminium Door Handle		Optional
Plexi with Logo		Yes

PCB Features

	MF	ME
Reading Frequency	13,56 MHz	13,56 MHz
Battery Type / Life	4xAAA - ~2 year	4xAAA - ~2 year
Working Temp.	-15 / + 60°C	-15 / + 60°C
Working Voltage	4.5 - 6V DC	4.5 - 6V DC
Card Encoding	100.000 times	100.000 times
Card Lifetime	1.000.000 times	1.000.000 times
Log Memory	Last 800 Logs	Last 250 Logs
Log Reading	Hand Terminal	Card
Detection Method	Microwave	Microwave



S2E2 Model

Mortise Standard : EURO - E2

Handle Push Type : Normally Free

Mortise Thickness : 23 mm

Latch Locking : Yes

Automatic Locking : N/A

Anti-Panic Exit : Yes

Motor Location : Inside Lock





Custom Design
Plexi Samples



Electronic Card Lock Systems

R2 Series

Black

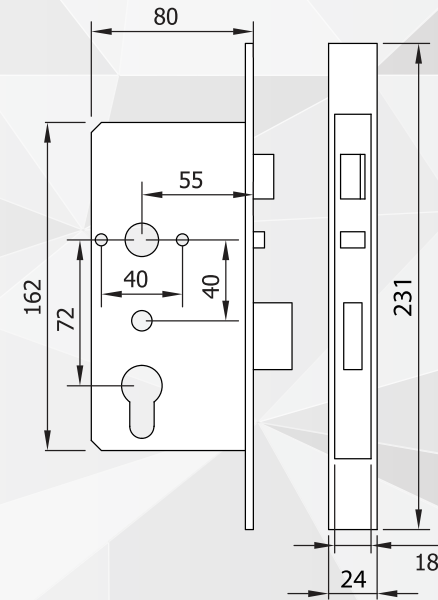


Body Features

Body Material		Steel
Color Options	Standard	EP Shiny White
	Optional	EP Black, All EP Colors
Supported Card Type		Mifare 13,56MHz
Outdoor Durability		Optional
Mechanical Cylinder		Yes
Mechanical DND Latch		Yes
Cylinder Mastering		Yes
304 Stainless Steel Door Handle		Standard
316 Stainless Steel Door Handle		-
Zamak Door Handle		Optional
Brass Door Handle		Optional
Aluminium Door Handle		Optional
Plexi with Logo		Yes

PCB Features

	MF	ME
Reading Frequency	13,56 MHz	13,56 MHz
Battery Type / Life	4xAAA - ~2 year	4xAAA - ~2 year
Working Temp.	-15 / + 60°C	-15 / + 60°C
Working Voltage	4.5 - 6V DC	4.5 - 6V DC
Card Encoding	100.000 times	100.000 times
Card Lifetime	1.000.000 times	1.000.000 times
Log Memory	Last 800 Logs	Last 250 Logs
Log Reading	Hand Terminal	Card
Detection Method	Microwave	Microwave



S2E2 Model

Mortise Standard : EURO - E2

Handle Push Type : Normally Free

Mortise Thickness : 23 mm

Latch Locking : Yes

Automatic Locking : N/A

Anti-Panic Exit : Yes

Motor Location : Inside Lock





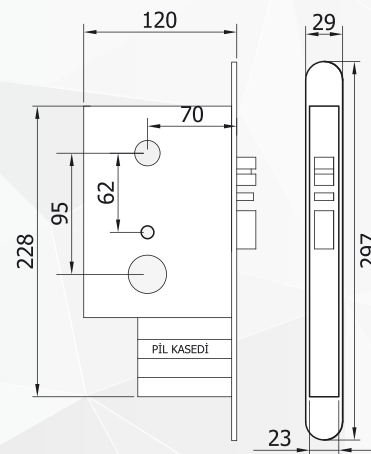
S6 Series

Body Features

Body Material	SS304
Color Options	Satin Chrome, Polish Chrome Satin Gold, PolishGold
Supported Card Type	Mifare 13,56MHz
Outdoor Durability	Optional
Mechanical Cylinder	Yes
Mechanical DND Latch	Yes
Cylinder Mastering	Yes
304 Stainless Steel Door Handle	Standard
316 Stainless Steel Door Handle	Optional
Zamak Door Handle	-
Brass Door Handle	Optional
Aluminium Door Handle	Optional
Plexi with Logo	Yes

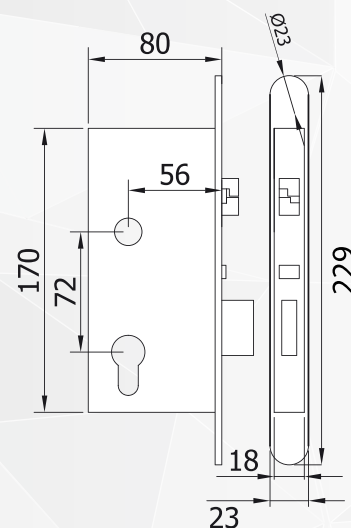
PCB Features

	MF	ME
Reading Frequency	13,56 MHz	13,56 MHz
Battery Type / Life	4xAAA - ~2 year	4xAAA - ~2 year
Working Temp.	-15 / + 60°C	-15 / + 60°C
Working Voltage	4.5 - 6V DC	4.5 - 6V DC
Card Encoding	100.000 times	100.000 times
Card Lifetime	1.000.000 times	1.000.000 times
Log Memory	Last 800 Logs	Last 250 Logs
Log Reading	Hand Terminal	Card
Detection Method	Microwave	Microwave



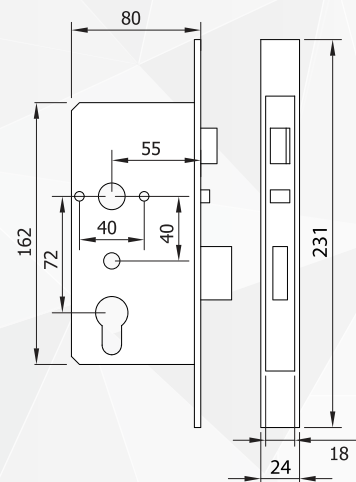
S6A1 Model

Mortise Standard	: ANSI 1
Handle Push Type	: Normally Lock
Mortise Thickness	: 28 mm
Latch Locking	: Yes
Automatic Locking	: N/A
Anti-Panic Exit	: Yes
Motor Location	: Inside Lock



S6E1 Model

Mortise Standard	: EURO - E1
Handle Push Type	: Normally Free
Mortise Thickness	: 23 mm
Latch Locking	: Yes
Automatic Locking	: Yes
Anti-Panic Exit	: Yes
Motor Location	: Inside Lock



S6E2 Model

Mortise Standard	: EURO - E2
Handle Push Type	: Normally Free
Mortise Thickness	: 23 mm
Latch Locking	: Yes
Automatic Locking	: N/A
Anti-Panic Exit	: Yes
Motor Location	: Inside Lock



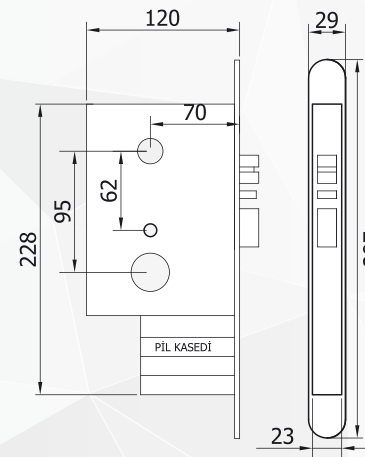
M1 Series

Body Features

Body Material	SS304
Color Options	Satin Chrome, Polish Chrome Satin Gold, Polish Gold
Supported Card Type	Mifare 13,56MHz / Temic 125 KHz
Outdoor Durability	Optional
Mechanical Cylinder	Yes
Mechanical DND Latch	Yes
Cylinder Mastering	Yes
304 Stainless Steel Door Handle	Standard
316 Stainless Steel Door Handle	Optional
Zamak Door Handle	-
Brass Door Handle	-
Aluminium Door Handle	-
Plexi with Logo	-

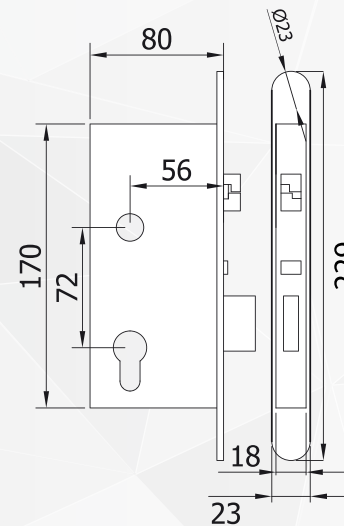
PCB Features

	MF	TM
Reading Frequency	13,56 MHz	125 KHz
Battery Type / Life	4xAAA - ~2 year	4xAAA - ~2 year
Working Temp.	-15 / + 60°C	-15 / + 50°C
Working Voltage	4.5 - 6V DC	4.5 - 6V DC
Card Encoding	100.000 times	100.000 times
Card Lifetime	1.000.000 times	1.000.000 times
Log Memory	Last 800 Logs	Last 240 Logs
Log Reading	Hand Terminal	Hand Terminal
Detection Method	Microwave	InfraRed



M1A1 Model

Mortise Standard	: ANSI 1
Handle Push Type	: Normally Lock
Mortise Thickness	: 28 mm
Latch Locking	: Yes
Automatic Locking	: N/A
Anti-Panic Exit	: Yes
Motor Location	: Inside Lock



M1E1 Model

Mortise Standard	: EURO - E1
Handle Push Type	: Normally Free
Mortise Thickness	: 23 mm
Latch Locking	: Yes
Automatic Locking	: Yes
Anti-Panic Exit	: Yes
Motor Location	: Inside Lock





Hotel Type Full Automatic Safe Boxes

F06 Series



All-Steel Locking System



ISO
9001:2008
REGISTERED

Opening	Left or Right Optional
Panel Working	Motorized Automatic
Locking	2 Bolts (20 mm)
Installation Method	Back wall : 2 slots and Bottom : 2 slots
Power Source	4 pcs AA alkali battery
Battery Status	Yes
Hand Terminal	Yes (3 different user)
Log Capacity	Last 100 Log
Master Code	Yes
Real Time	Yes
LED Display	Yes
Key Type	Fiam - Prazis
Hinges	2 Bolts Hidden
Inside Light	Yes
Inner Carpet	Yes
Internal Socket	Optional
Coloring / Coating	Electrostatic Coating, Black (Default), Optional Colors



RIGHT OPEN



LEFT OPEN

Sound Proof
Gasket

Model Code	KFM06	KFN06	KFL06	KFD06	KFV06	KFS06
Standard Sizes (H/W/D)	250 / 350 / 250	200 / 430 / 350	200 / 480 / 350	500 / 430 / 350	200 / 400 / 410	200 / 320 / 200
Body Thickness	1mm (*1.5, *2)	1.5mm (*1, *2)	1.5mm (*1, *2)	2mm (*1.5, *3)	1.5mm (*1, *2)	1mm (*0.8, *1.2)
Door Thickness	3mm	3mm	3mm (*5mm)	5mm (*6mm)	3mm (*5mm)	2mm (*3mm)

*Shows optional sheet thickness.

*For different sizes, please contact us.

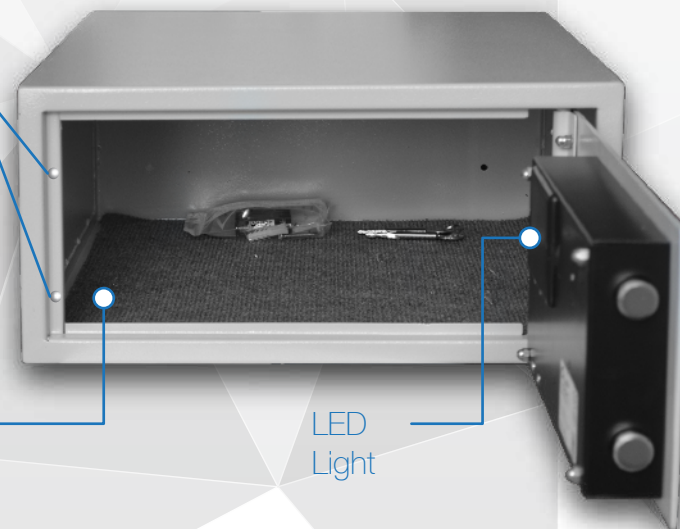


Mechanical
Key

Sound Proof
Gasket

Carpet
Bottom

LED
Light





Hotel Type Semi-Automatic Safe Boxes

H05 Series



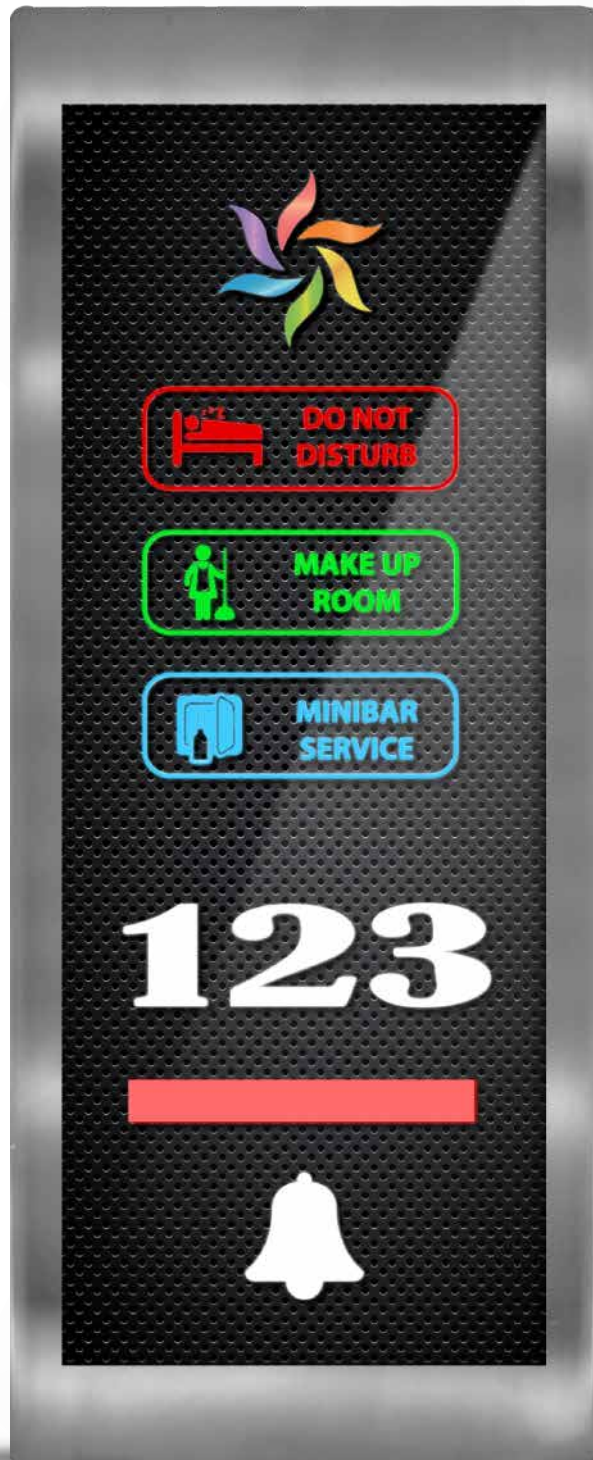
ISO
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REGISTERED

Opening	Standard Right
Panel Working	Semi-Automatic Hand Opening
Locking	2 bolts
Installation Method	Back wall : 2 slots and Bottom : 2 slots
Power Source	4 pcs AA alkali battery
Battery Status	Yes
Hand Terminal	-
Log Capacity	-
Master Code	Yes
Real Time	-
LED Display	-
Key Type	Cylinder
Hinges	2 Bolts Hidden
Inside Light	-
Inner Carpet	Yes
Internal Socket	-
Coloring / Coating	Electrostatic Coating, Black (Default), Optional Colors

Model Code	KHM05	KHN05	KHL05	KHD05	KHV05	KHS05
Standard Sizes (H/W/D)	250 / 350 / 250	200 / 430 / 350	200 / 480 / 350	500 / 430 / 350	200 / 400 / 410	200 / 320 / 200
Body Thickness	1mm (*1.5, *2)	1.5mm (*1, *2)	1.5mm (*1, *2)	2mm (*1.5, *3)	1.5mm (*1, *2)	1mm (*0.8, *1.2)
Door Thickness	3mm	3mm	3mm (*5mm)	5mm (*6mm)	3mm (*5mm)	2mm (*3mm)

*Shows optional sheet thickness.

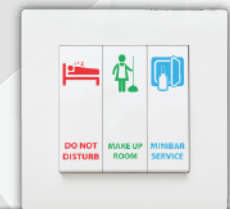
*For different sizes, please contact us.



Hotel Type Doorbell Systems

Doorbell / Room Number

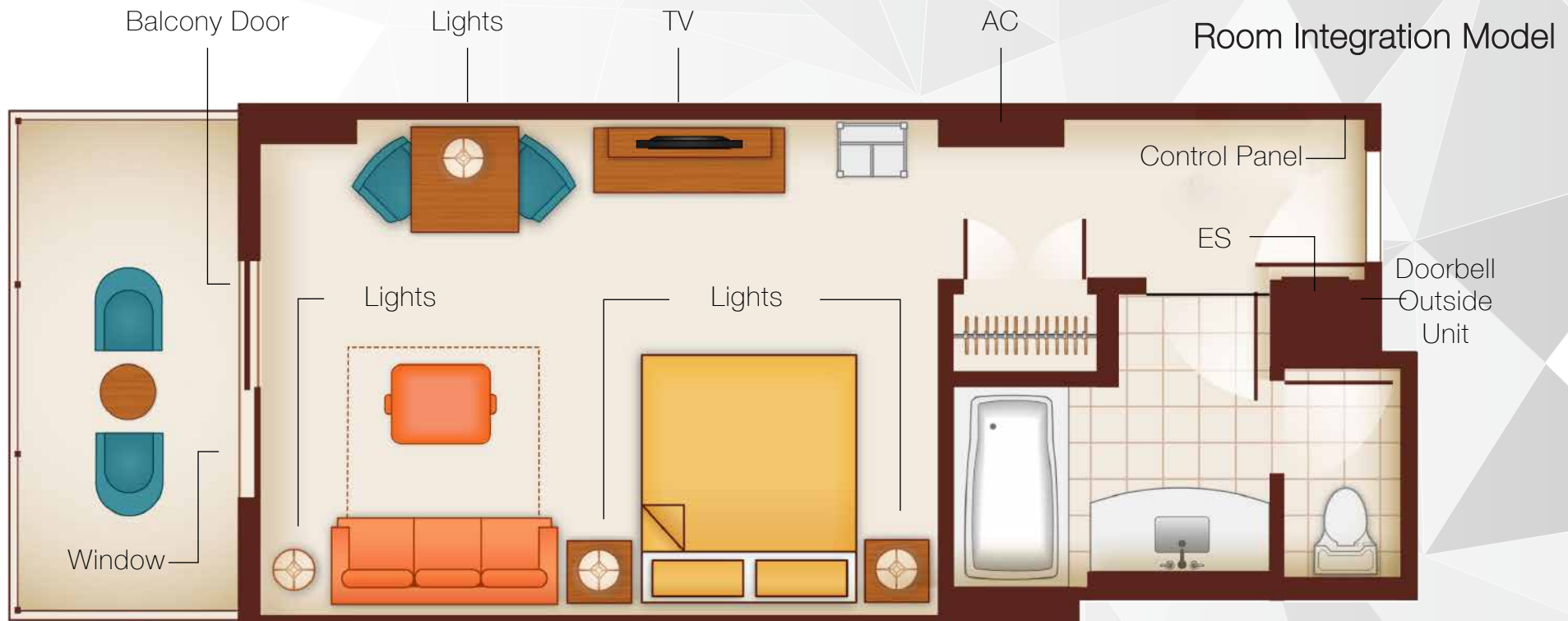
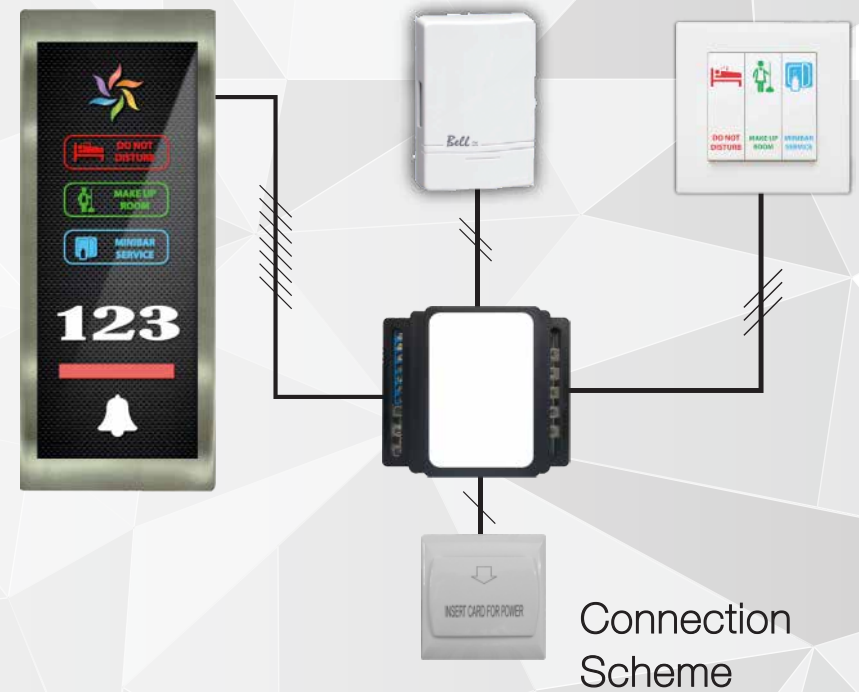
- Doorbell button is installed outside the room.
- There are three indicator such as Do Not Disturb, Make Up Room and Minibar Service.
- Strip that show room availability and room number are lighted up with LED light.
- Outside panel is controlled by inside panel.
- Doorbell has a bell. There is no need external bell. Doorbell is pressed from outside. If DND not open, the bell ring.
- Outside panel is made of Stainless Steel
- Hotel logo or Custom vectorel design can be replaced on Doorbell plexi.
- Installation is quite simple
- Inside integrated room system, energy savers that systematically works with doorbell, controls electricity current inside room and when a door or window opens AC units are became disable.





Parameters

Working Current	: Between AC 100V - 230V
Sizes	: 275 x 110 x 20 mm (H/W/D)
Coating	: Satin Chrome, Optional Colors
Material	: Stainless Steel, Plexi Plate
Working Distance	: Switch and controller signal transmission distance is 50m





Satin Stainless Steel, EP White, Black and All EP Colors

Hotel Logo

Do Not Disturb Indicator

Make Up Room Indicator

Minibar Service Indicator

Room Number

White Strip that indicate red light if a guest inside room

Touchscreen doorbell (Optional)

Customizable front panel



ISO
9001:2008
REGISTERED



Kabinet Locks

C01/ST - 125KHz Cards Cabinet Locks

- Designed for facilities that use card and/or water proof wristband.
- Product is used when a wristband introduced to a cabinet.
- The numbers of a cabinet that is opened by a wristband is constant. Guests use their own cabinet by wristband that given from reception.
- Cards are 125 KHz EM Marin 4102.
- When guests lost key cards or remain cabinet locked, cabinet could be opened by a master card. Lost wristband can be deleted from device memory and a new one can be identified by master card.
- If master card lost, a new master card can defined from system.
- Battery life time depends on usage, it is approximately 1 year. If the batteries run out, an external battery can be used.



C01/MS - Mifare Cards Cabinet Locks

- Designed for facilities that use card and/or water proof wristband.
- When lock is opened, it memorizes wristband that due to lock itself and lock writes own information on the wristband.
- Lock only can be opened by wristband that locked. A wristband that locked a cabinet, can not lock another.
- Cards are Mifare S50 13,56 Mhz.
- When guest lost key cards or remain cabinet locked, cabinet could be opened by a master card. When lock is opened by master card, it deletes its memory and system becomes normal.
- The lost wristband can not open or lock another cabinet.
- The lost wristband addressed can be reset from the system as special.
- Battery life time depends on usage, it is approximately 1 year. If the batteries run out, an external battery can be used.



C01/MA - Programmable Cabinet Locks

- The most advanced and functional cabinet lock.
- Designed for facilities that use card and/or water proof wristband.
- Cabinet locks are addressed like hotel rooms from PC and each one memorizes own address
- The lock and card that will open the cabinet will be programmed by PC and will be logged
- Returned wristbands can be re-encoded and can be given to another guest.
- Master card or specially produced card can be encoded from system for locked cabinet lock.
- Any new encoded card can cancel previous one.
- Two guests can use same cabinet.
- Hotels that use Alpack systems, can use cards for hotel rooms.
- A wristband that locked a cabinet, can not lock another one.
- Cards are Mifare S50 13,56 Mhz.
- The lost wristband can not open or lock another cabinet.
- The lost wristband addressed can be reset from the system as special.
- Battery life time depends on usage, it is approximately 1 year. If the batteries run out, an external battery can be used.





C01/PC - Cabinet Locks with Pin Code

- Specially designed for lockers that heavily used.
- Touchscreen type.
- When the guests enter the pincode which they preferred that locks the cover, when the cover is opened
- When cabinet is open, pin code memory is deleted. Cabinet can not be closed with previous guest's pin code.
- If guest forgets own pin code, cabinet can be opened by dallas chip master. When cabinet is opened, the pin code inside memory and device becomes reseted.
- If master card lost, a new one can be defined.
- Battery life time depends on usage, it is approximately 1 year. If the batteries run out, an external battery can be used.



C02/PC - Motorized Cabinet Locks with Log Record

- Specially designed for lockers that widely used.
- Button Type. Provides high safety requirements.
- There is a mechanical key differently from electronic systems.
- When the guests enter the pincode which they preferred that locks the cover, when the cover is opened
- When cabinet is open, pin code memory is deleted. Cabinet can not be closed with previous guest's pin code.
- If guest forgets own pin code, cabinet can be opened by special coded device
- Last logs can be learned from locks. Memory holds latest 100 logs.
- If master card lost, a new one can be defined.
- Battery life time depends on usage, it is approximately 1 year. If the batteries run out, an external battery can be used.



Energy Savers



	SM62A3 / MF	SM62A3 / TM
Type	RFID	RFID
Card Type	Mifare / 13,56 MHz	Temic / 125 KHz
Relay Amount	3 (30 + 16 + 16)	3 (30 + 16 + 16)
Total Power	62 Amper	62 Amper
Input Current	100 - 240V AC	100 - 240V AC
Phase Amount	3 - Phase	3 - Phase
Delay	15 Second	15 Second
Inner LED	Red	Red
Magnetic Contact	2	2

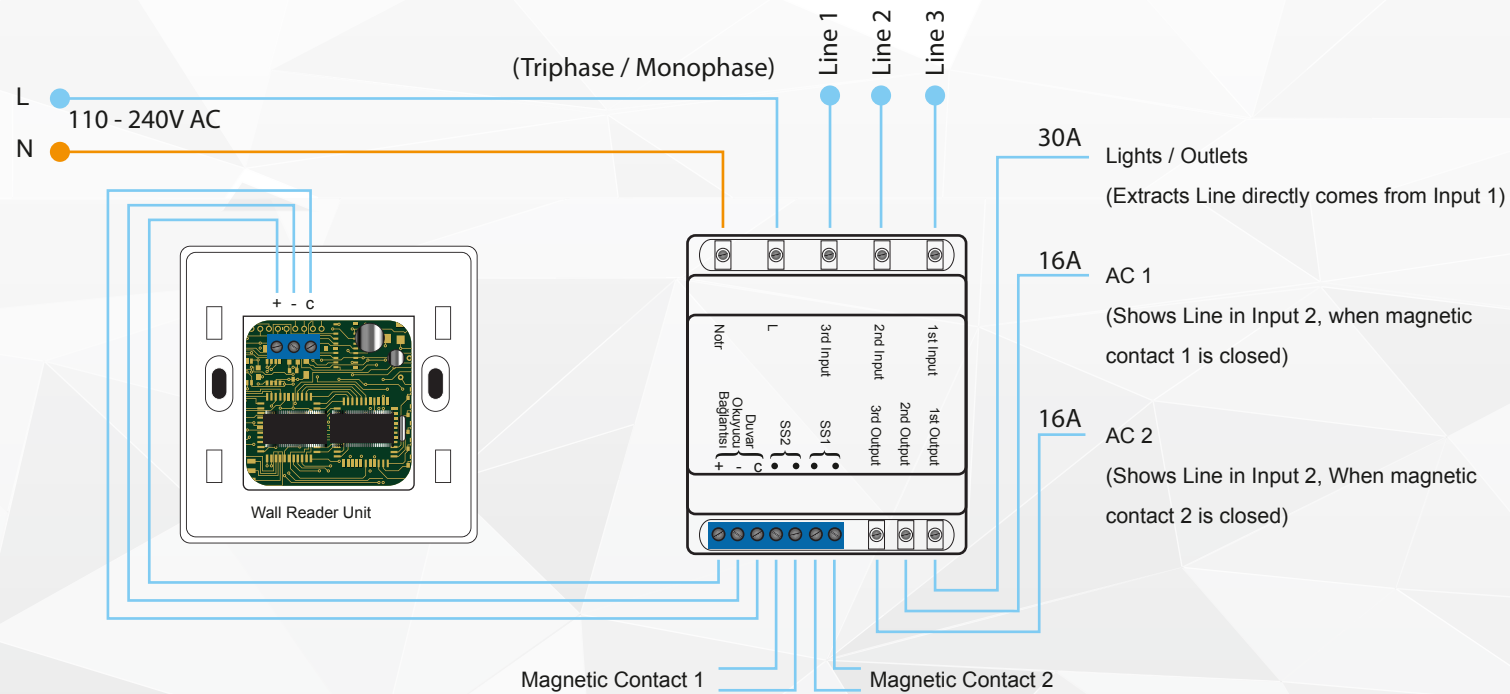




	TS30A1 / MF	TS30A1 / TM	TS30A1 / ME	TS30A1 / TE
Type	RFID	RFID	RFID	RFID
Card Type	Mifare / 13,56 MHz	Temic / 125 KHz	Mifare / 13,56 MHz	Temic / 125 KHz
Relay Amount	1	1	1	1
Total Power	30 Amper	30 Amper	30 Amper	30 Amper
Input Current	200 - 230V AC	200 - 230V AC	210 - 230V AC	210 - 230V AC
Phase Amount	Monophase	Monophase	Monophase	Monophase
Delay	15 Second	15 Second	15 Second	15 Second
Inner LED	Red	Red	Blue	Blue
Magnetic Contact	-	-	-	-



SM62A3 / Connection Sheme

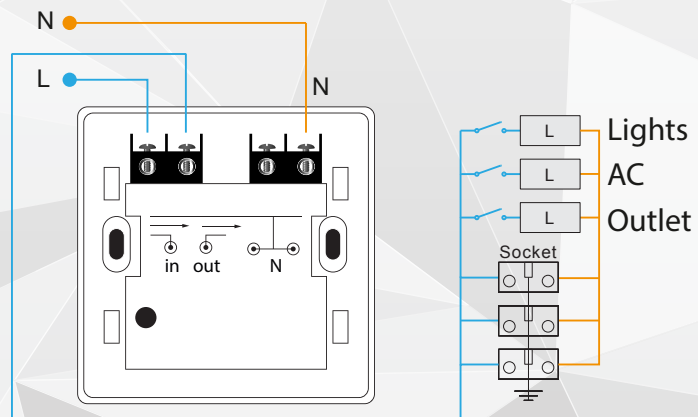


Zero
Fire
Risk



ISO
9001:2008
REGISTERED

TS30A1 / Connection Sheme





F3GH3



- Cast aluminium alloy body
- Standard adjustable closing and latching speed
- Hold open function is optional
- Standard coating: Silver (AL), bright chrome for main arm and mounting plate
- 40 - 65 Kg door weight capacity
- Suitable for 950mm door thickness

