

STEP[®]



Elevator Button • COP&LOP v3.0



Enterprise Introduction

Shanghai STEP Electric Corporation was founded in 1995 and the registered trademark is **STEP**. Dec. 24, 2010, STEP's opening gong at Shenzhen Stock Exchange sounded grand and STEP's first offering of A-share to the public successfully! Stock Name: STEP. Stock Code: 002527.

STEP Group, based in Electric Corporation, owns Shanghai Sigriner STEP Electric Co.,Ltd., Shanghai STEP Elevator Components Co.,Ltd., Shanghai STEP Electric Wire & Cable Co., Ltd., Shanghai STEP Software Technology Co.,Ltd., and two overseas companies: STEP Sigriner Elektronik GmbH based in Germany and Hong Kong STEP International Electric Holdings Co., Ltd..

STEP specializes in developing and manufacturing of industrial controller and drive system, serving the global industrial field. The product can be applied in some industries, such as elevator, hoisting/harbor, pump, rubber, textile/packaging, mining, etc. The major products in elevator industry include elevator control system, group control system, remote diagnosis and monitoring system; elevator inverter, integrated controller for elevator/goods elevator/escalator, energy regenerator, door inverter; elevator/escalator control cabinet; elevator car operation panel and landing operation panel, elevator call button, arrival lantern; elevator traveling flat cable and other types of wires and cables. The major products in industrial control field include: low/medium-voltage general/specific inverter, low voltage high capacity inverter, high voltage inverter, servo drive and other energy-saving products. E-commercial software products mainly include ESMS-Elevator Service Management Software, CEOS-Configurable Electronic Order System, etc.

The company management system has passed the ISO9001 of TUV and ISO14001 Certificate; Company products have obtained international certifications such as CE and EN81 from Europe, CSA from North America, and NRTL from US. The teams of the management and R&D are mainly composed of Ph.D., Masters, and Bachelor degrees, and our core technologies own the national patents of invention and software copyrights.

As utilization of the STEP global strategy, R&D centers and manufacturing centers have been established both in China and Germany. The products have been exported to over 30 countries and regions in Europe, North America, and Asia: Germany, England, Denmark, Scotland, Canada, Japan, Brazil, Chile, Singapore, Australia, India, Pakistan, Turkey, Saudi-Arabia, South Korea, Hong Kong, Taiwan and Macau, etc.. In China, STEP has set up 20 branch offices and representative offices in Beijing, Shanghai, Guangzhou, Chengdu, Dalian, Shenyang, Tianjin, Shijiazhuang, Zhengzhou, Jinan, Wuhan, Chongqing, Xian, Hangzhou, Wuxi, Nanxun, Wujiang, Changsha, Shenzhen and Xiamen, with sales of service covering the entire country.

STEP was appointed as a Shanghai enterprise of first national new high-tech, Shanghai IPR model and third national technical innovation experiment site. Shanghai STEP was an appointed national station for Postdoctoral Project, and its R&D centre has been recognized as an enterprise technical centre of Shanghai. **STEP** was accredited as Shanghai famous trademark. The company was also responsible for edition and revision of five national technical standards. By the end of 2010, STEP has achieved 70 patents and 17 patents among them were developed independently by our R&D, and 26 software copyrights. STEP Elevator control system and elevator inverter were approved as the national key new product, and the industrialization of elevator inverter project has received financial support of the national key technology innovation fund and was listed in the National Torch Program; The products including STEP elevator group control system and vector-type elevator inverter, etc. have been honored with the Shanghai Science & Technology Invention Award, and CNC servo drive system was an appointed product for independent innovation in Shanghai.



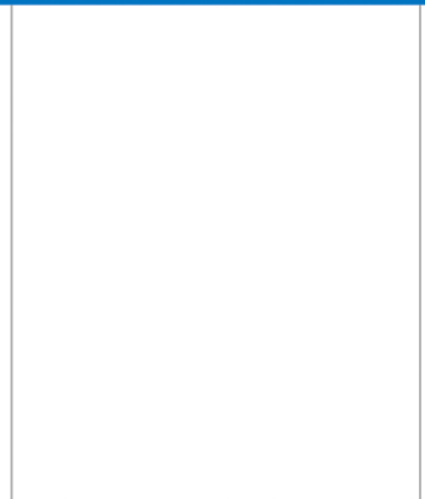
STEP Spirit: Face the world, pursue the best, stay always ahead of the line

STEP Value: Faith, innovation, excellence

STEP Tenet: Customer satisfaction, employee pride, community benefit

STEP Mission: Provide the best controller, driver and energy-saving products for our customers

STEP Vision: To be an international high-tech enterprise in electric industry





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The pictures about products on the catalogue are just for reference, subject to our available products. With respect to the specific patterns, please check with your local sales staff.





Elevator Button

Technical Characteristic

Electrical Specification

Rated Voltage: DC12V, DC24V (preferred)
LED current < 35mA
Switch specification: 500mA/50VDC
Contact resistance $\leq 50\text{m}\Omega$
Insulation resistance $\geq 100\text{M}\Omega$
Electrical lifetime $\geq 2,000,000$ times
Button contacts: 1 normally open

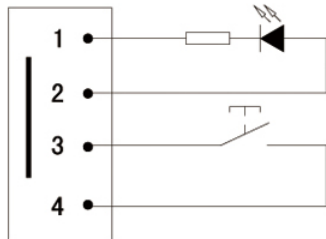
Mechanical Specification

Button movement: 0.25~0.8mm
Max. Button movement $\leq 1.5\text{mm}$
Reaction force: 3~6N

Operating Environment

Environment Temperature: $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$
Environment Humidity: 45%~90%

Electrical Principle



Order of terminal: 1 2 3 4



Elevator Button

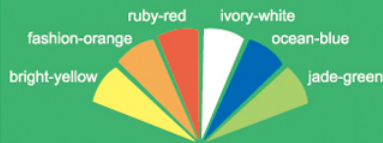


PB20

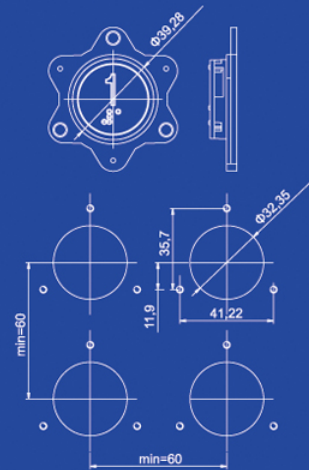
PB20

Features

- Face plate of button: stainless steel, touch plate with tactile marking made of stainless steel by stamping, hollowed symbol filled with translucent resin, illuminated pictogram and Braille.
- Installation: point-welded screw fastened, suitable for mounting on the panel of 1.5~3mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)



EB420

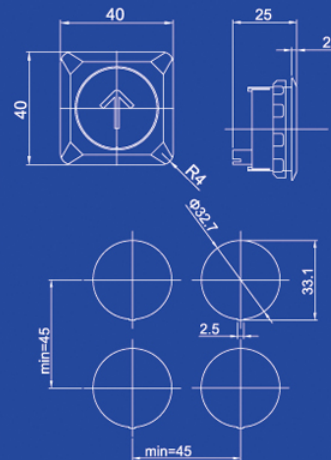
EB420

Features

- Face plate of button: spray-painted plastic, touch plate with tactile marking made of stainless steel by stamping (plane, convex, concave), symbol filled with translucent resin (optional with Braille).
- Installation: screw-thread tightened, suitable for mounting on the panel of 1.2~4mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)



EB421

EB422

EB428



Elevator Button



EB430



EB431



EB432

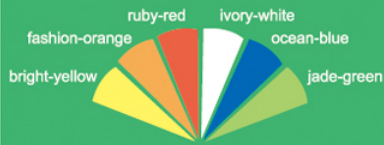


EB438

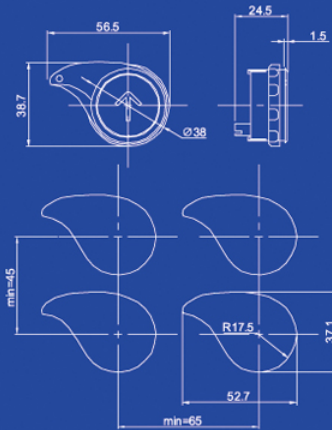
EB430

Features

- Face plate of button: spray-painted plastic, touch plate with tactile making made of stainless steel by stamping (plane, convex, concave), symbol filled with translucent resin(optional with Braille).
- Installation: screw-thread tightened, suitable for mounting on the panel of 2~4mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)



EB610

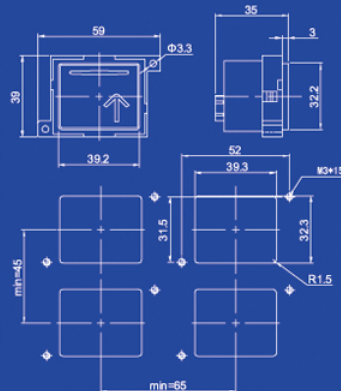
EB610

Features

- Face plate of button: plastic, touch plate with tactile marking made of stainless steel by stamping, symbol filled with translucent resin.
- Installation: point-welded screw fastened, suitable for mounting on the panel of 1.5~3mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)





Elevator Button



EB950

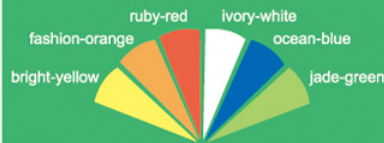


EB951

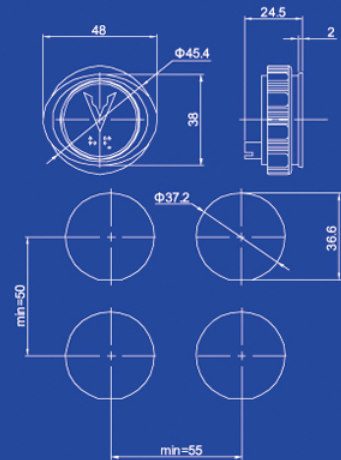
EB950

Features

- Face plate of button: spray-painted plastic, touch plate with tactile marking made of stainless steel by stamping, symbol filled with translucent resin (optional with Braille), or made of with thin resin sheet with spray paint.
- Installation: screw-thread tightened, suitable for mounting on the panel of 2-6mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)



EB960

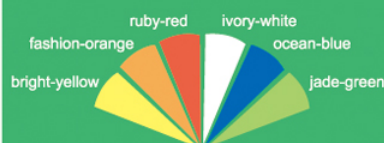


EB961

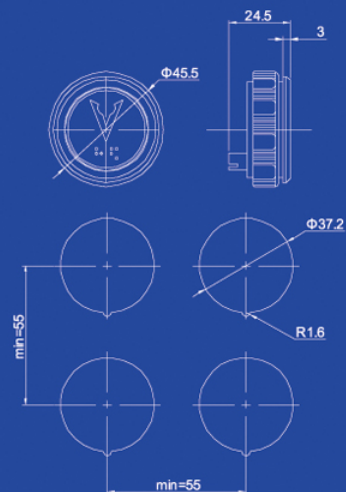
EB960

Features

- Face plate of button: stainless steel, touch plate with tactile marking made of stainless steel by stamping, symbol filled with translucent resin (optional with Braille), or made of with thin resin sheet with spray paint.
- Installation: screw-thread tightened, suitable for mounting on the panel of 2-6mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)





Elevator Button



EB980

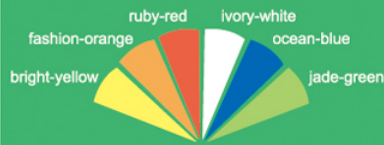


EB981

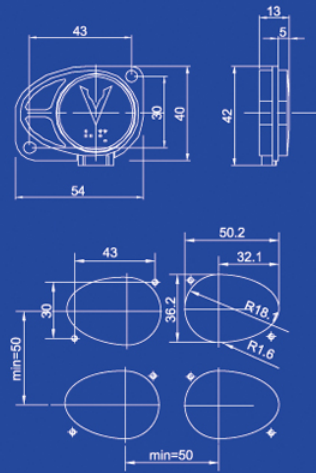
EB980

Features

- Face plate of button: spray-painted plastic, touch plate with tactile marking made of stainless steel by stamping, symbol filled with translucent resin(optional with Braille), or made of with thin resin sheet with spray paint.
- Installation: point-welded screw fastened, suitable for mounting on the panel of 1.5~3.5mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



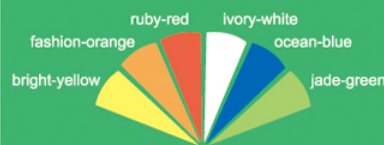
Installation Dimensions(mm)



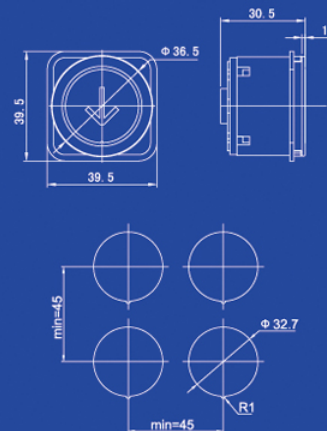
EB111

Features

- Face plate of button: stainless steel, touch plate with tactile marking made of stainless steel by stamping, symbol filled with translucent resin.
- Installation: deck type fastened, suitable for mounting on the panel of 2~3mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)



EB111



EB210

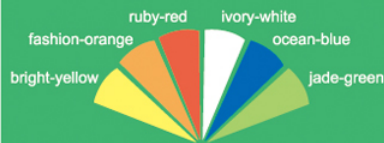


EB218

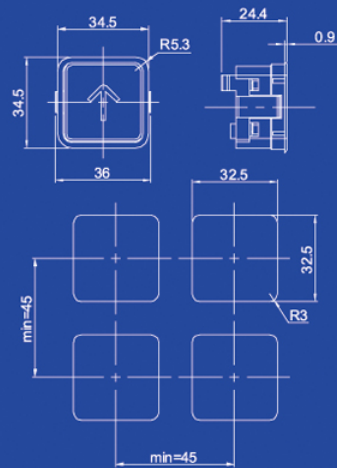
EB210

Features

- Face plate of button: stainless steel, touch plate with tactile marking made of stainless steel by stamping, symbol filled with translucent resin(optional with Braille).
- Installation: clip fastened, suitable for mounting on the panel of 2~3mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)



EB310

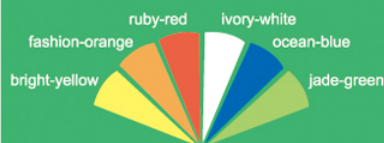


EB311

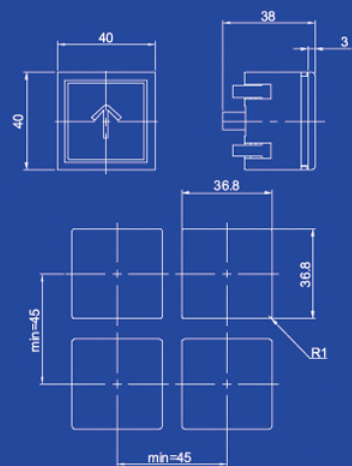
EB310

Features

- Face plate of button: spray-painted plastic, touch plate with tactile marking made of stainless steel by stamping, symbol filled with translucent resin.
- Installation: clip fastened, suitable for mounting on the panel of 2~3mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)



Elevator Button



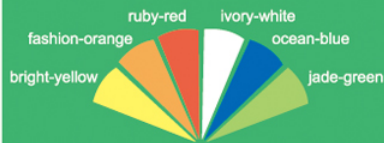
EBC12



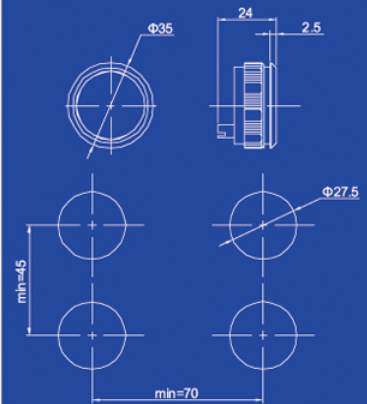
EBC12

Features

- Face plate of button: stainless steel, matched with stainless steel frame, drive components made of stainless steel by stamping(touch plate: plane, convex, concave), with translucent and illuminated marking ring.
- Installation: screw-thread tightened, suitable for mounting on the panel of 1.2~4mm thickness
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)



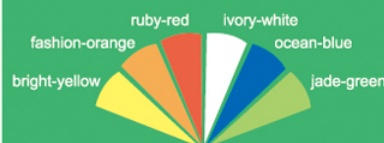
EBC22



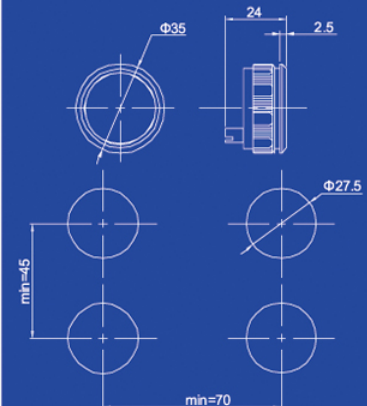
EBC22

Features

- Face plate of button: stainless steel processed by titanium coated, matched with stainless steel frame processed by titanium coated, drive components made of stainless steel by stamping, with translucent and illuminated marking ring.
- Installation: screw-thread tightened, suitable for mounting on the panel of 1.2~4mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)





Elevator Button

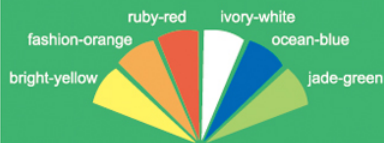


KA115

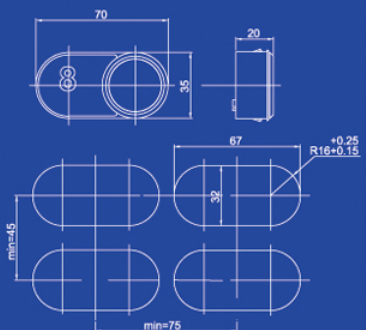
KA115

Features

- Face plate of button: spray-painted plastic, touch plate with tactile marking made of stainless steel by stamping, symbol filled with translucent resin(optional with Braille).
- Installation: deck and screw-thread tightened, suitable for mounting on the panel of 1.5~3mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)

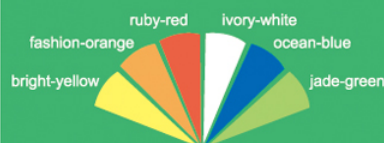


KA117C

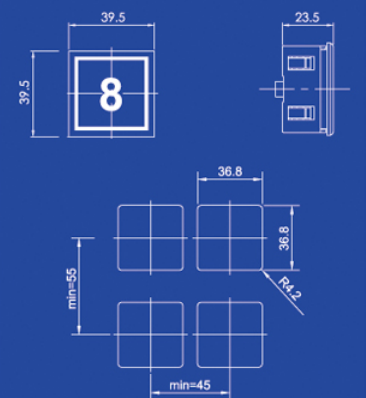
KA117

Features

- Face plate of button: transparent plastic, touch plate with tactile marking made of stainless steel by stamping, symbol filled with translucent resin, or symbol by direct stamping(optional with Braille).
- Installation: deck type fastened, suitable for mounting on the panel of 1.5~3mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)



KA117B



EBB10



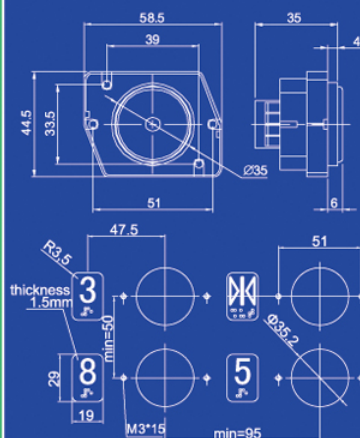
EBB10

Features

- Face plate of button: plastic in electroplated metallochrome, drive components made of stainless steel by stamping, hollowed-out circle in the middle part, filled with resin, illuminated.
- Installation: point-welded screw fastened, suitable for mounting on the panel of 1.5~3mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)



EBB30



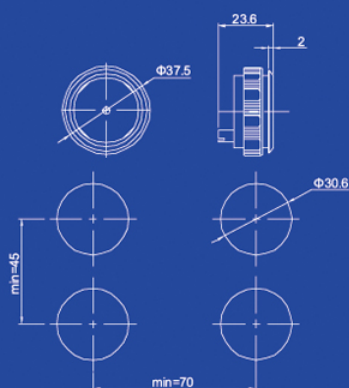
EBB30

Features

- Face plate of button: stainless steel, drive components made of stainless steel by stamping, hollowed-out circle in the middle part, illuminated.
- Installation: screw-thread tightened, suitable for mounting on the panel of 1.2~4mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable





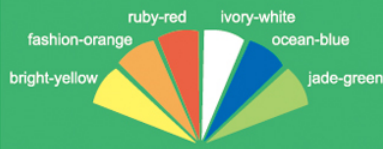
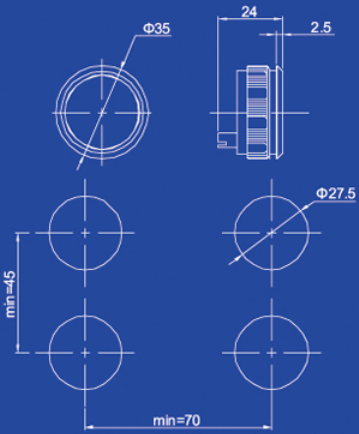
Installation Dimensions(mm)








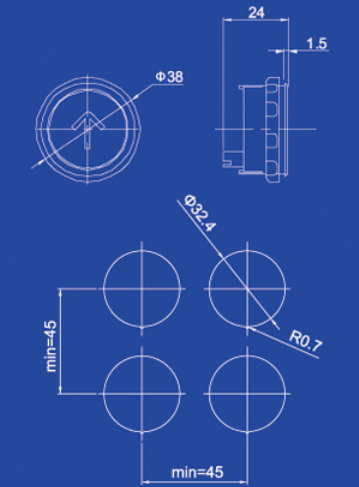
Elevator Button



EBC10

	Features	Installation Dimensions(mm)
 <p>EBC10</p> 	<ul style="list-style-type: none"> • Face plate of button: plastic, matched with stainless steel frame, drive components made of stainless steel by stamping, with translucent and illuminated marking ring. • Installation: screw-thread tightened, suitable for mounting on the panel of 1.2~4mm thickness. • Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc. • Lighting colors selectable <div style="text-align: center;">  </div>	

EB410A

	Features	Installation Dimensions(mm)
 <p>EB410A</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">  <p>EB411A</p> </div> <div style="text-align: center;">  <p>EB412A</p> </div> <div style="text-align: center;">  <p>EB418A</p> </div> </div>	<ul style="list-style-type: none"> • Face plate of button: stainless steel, touch plate with tactile making made of stainless steel by stamping (plane, convex, concave), symbol filled with translucent resin(optional with Braille). • Installation: screw-thread tightened, suitable for mounting on the panel of 1.2~4mm thickness. • Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc. • Lighting colors selectable <div style="text-align: center;">  </div>	



Elevator Button



EB510

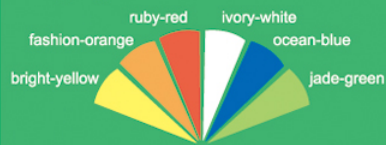


EB511

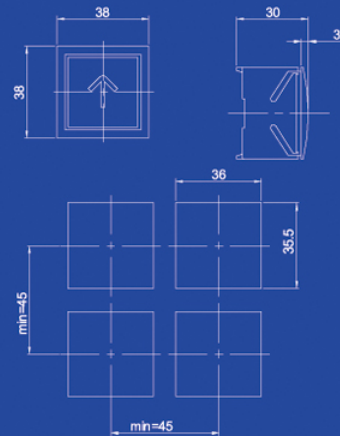
EB510

Features

- Face plate of button: spray-painted plastic, touch plate with tactile marking made of stainless steel by stamping, symbol filled with translucent resin, illuminated in bi-color (symbol and marking ring with different lighting color, such as: green(outside)-yellow (inside), white(outside)-red(inside), red (outside)-yellow(inside), etc.)
- Installation: deck type fastened, suitable for mounting on the panel of 1.5~3mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)

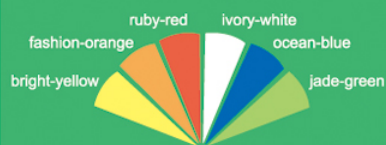


EB220

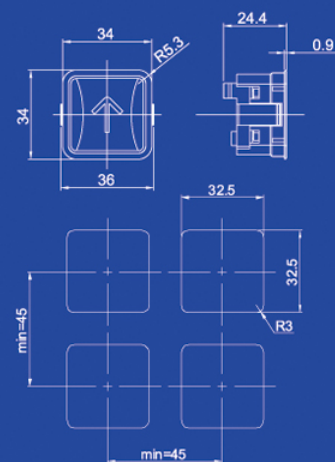
EB220

Features

- Face plate of button: stainless steel, touch plate with tactile marking made of thin resin sheet with spray paint.
- Installation: deck type fastened, suitable for mounting on the panel of 2~3mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)



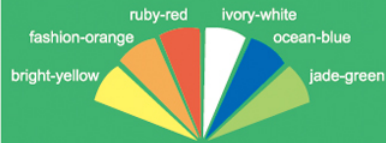


EB221

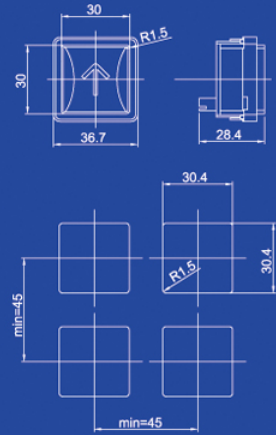
EB221

Features

- Face plate of button: plastic, touch plate with tactile marking made of thin resin sheet with spray paint.
- Installation: fixed bracket, suitable for mounting on the panel of 2~3mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)



EB910

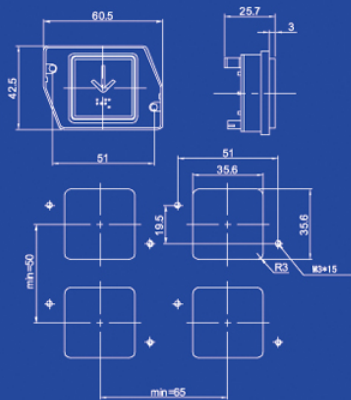
EB910

Features

- Face plate of button: plastic in electroplated metallochrome, touch plate with tactile marking made of black thin resin sheet, hollowed symbol filled with resin(optional with Braille).
- Installation: point-welded screw fastened, suitable for mounting on the panel of 1.5~3mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)



Elevator Button

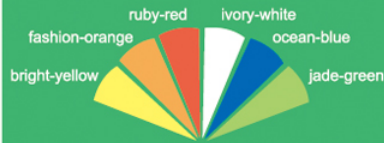


EB920

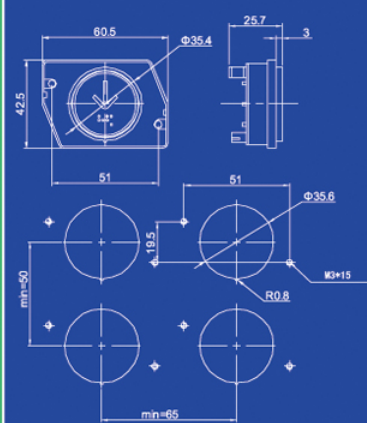
EB920

Features

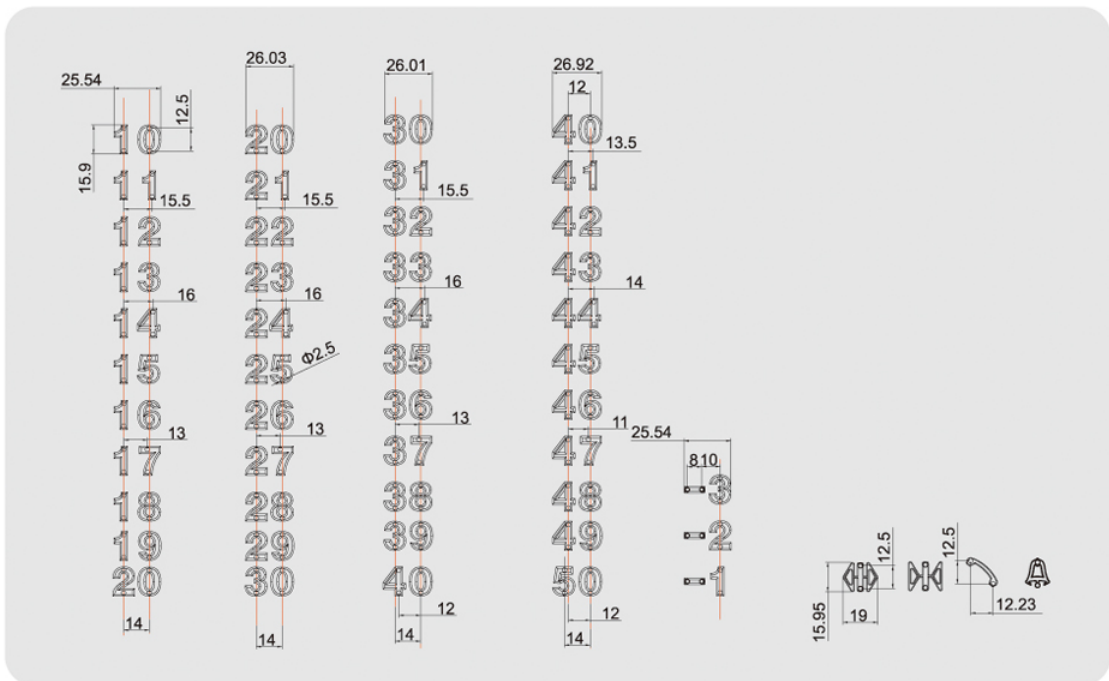
- Face plate of button: plastic in electroplated metallochrome, touch plate with tactile marking made of black thin resin sheet, hollowed symbol filled with resin (optional with Braille).
- Installation: point-welded screw fastened, suitable for mounting on the panel of 1.5~3mm thickness.
- Optional symbol: Landing call, Upwards and Downwards, Door open and closed, Alarm, Intercom, etc.
- Lighting colors selectable



Installation Dimensions(mm)



According to shape and installation dimensions





COP & LOP

Technical Features

Display Window

- Square dot-matrix rolling display, Round dot-matrix rolling display, LCD display or seven segment code static display
- Indication of floor No., direction, and "OVERLOAD"
- Poly-glass display panel

Panel

- Optional material of panel: Mirror, titanium, hairline (long or short)
- Built-in inspection box in COP, matched with emergency lighting device, interphone and alarm button
- Landing operation panel: Simplex type or Duplex type
- Markings on the stainless steel nameplate can be chosen in laser-carving, silk-print, etching

Push Button Type

- Refer to the list of optional elevator push button

Electrical Specification

- Rated Voltage: DC24V
- Type of input signal: Seven segment code, BCD code, serial communication
- Indication type: Seven segment code, BCD code static display and LCD display
- Rolling display of serial communication: Round dot-matrix, Square dot-matrix and LCD
- Pattern of display: Horizontal and vertical type display

Mechanical Specification

- Material of panel: Mirror finished stainless steel, titanium plated, long or short hairline stainless steel
- Type of nameplate: Stainless steel etched, silk screen printed, and direct processing on the plate







EH981

Features

- Material of panel: hairline bending stainless steel, plastic seals on both ends
- Connection of Faceplate with Box by screws on both ends of the plate, easy to install
- Type of input signal: Seven segment code, serial communication
- Display in the hall: "full, stop, etc."

Recommended Buttons



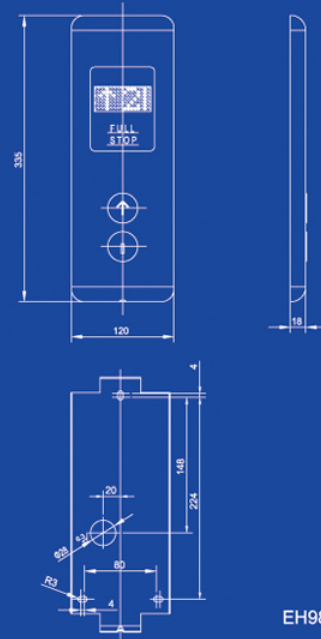
EB 410A



EB 980



Installation Dimensions(mm)



EH981

EH982

Features

- Material of panel: hairline bending stainless steel, plastic seals on both ends
- Connection of Faceplate with Box by screws on both ends of the plate, easy to install
- Type of input signal: Seven segment code, serial communication

Recommended Buttons



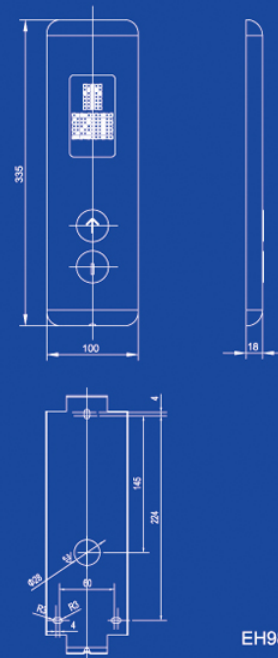
EB 410A



EB 980



Installation Dimensions(mm)



EH982





EHD982

Features

- Material of panel: hairline bending stainless steel, plastic seals on both ends
- Connection of Faceplate with Box by screws on both ends of the plate, easy to install
- Type of input signal: Seven segment code, serial communication

Recommended Buttons

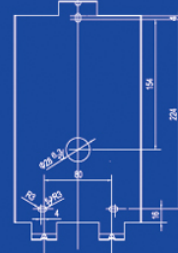
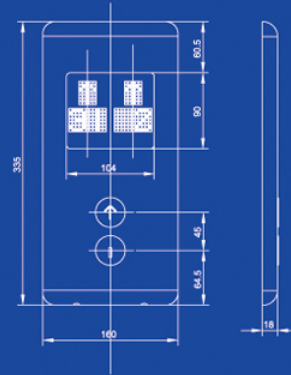


EB 410A



EB 980

Installation Dimensions(mm)



EHD982



EH1980

Features

- Material of panel: hairline bending stainless steel, no plastic seals on both ends
- Connection of Faceplate with Box by screws on both ends of the plate, easy to install
- Type of input signal: Seven segment code, serial communication
- Display in the hall: "full, stop, etc."

Recommended Buttons

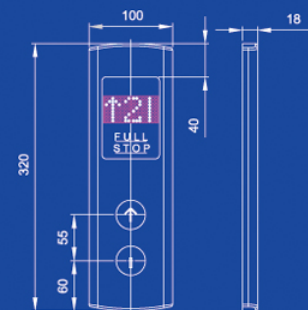


EB 410A



PB 210

Installation Dimensions(mm)



EHD1980



COP511

Features

- Material of panel: hairline stainless steel, mirror finished stainless steel
- Separate layout of Display and operation part of the operation panel
- Type of input signal: Seven segment code, BCD code, serial communication
- Display in the car and hall: "overload, fire control, full, stop, inspection, etc."
- Hall landing operation panel: simplex type or duplex type

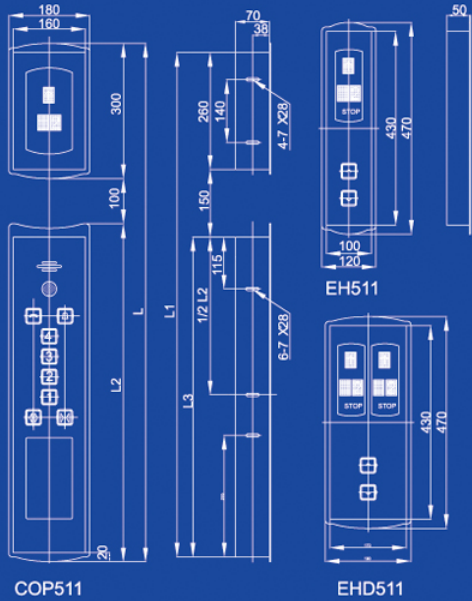
Recommended Buttons



Floors	L	L1	L2	L3
L02-L08	1200	1170	800	760
L09-L16	1380	1350	980	940
L17-L24	1540	1510	1160	1120

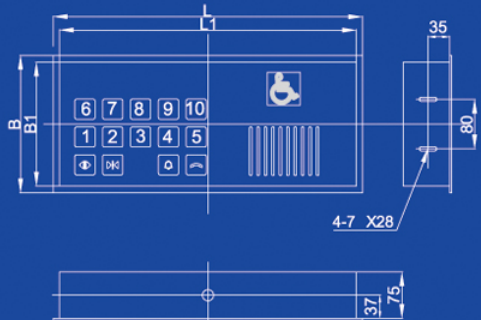
Call Model	Plate Dimension	Box Dimension
EH511 Simplex	470 × 120	430 × 100 × 50
EHD511 Duplex	470 × 190	430 × 170 × 50

Installation Dimensions(mm)



COP811

Installation Dimensions(mm)



Features

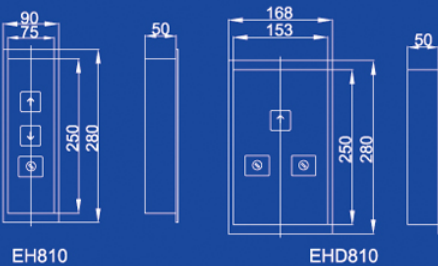
- Material of panel: hairline stainless steel, mirror finished stainless steel
- Connection of Faceplate with box by clip sets, easy to install
- This operation panel model only as assisting operation mode for handicapped persons, to coordinate the main operation panel in use.

Recommended Buttons



Floors	L	L1	B	B1
L02-L08	380	360	210	190
L09-L15	450	430	280	260
L16-L32	650	630	280	260

COP811



EH810

EHD810



COP920A01

Features

- Material of panel: hairline stainless steel, mirror finished stainless steel
- Type of input signal: Seven segment code, BCD code, serial communication
- Display in the car and hall: "overload, fire control, full, stop, inspection, etc."
- Hall landing operation panel: simplex type or duplex type

Recommended Buttons



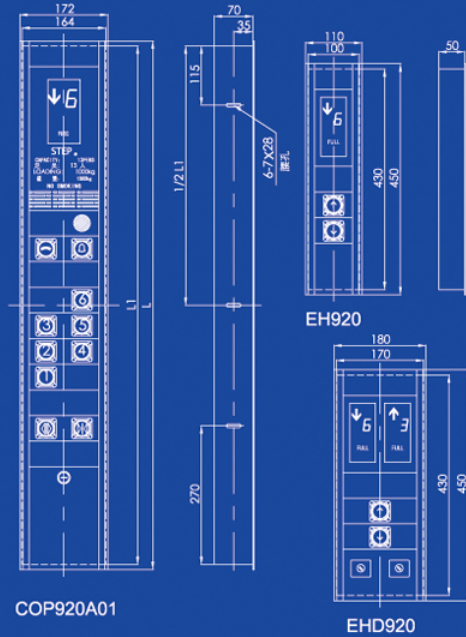
EB 420

Floors	L	L1
L02-L12	1040	1020
L09-L16	1240	1220
L17-L24	1440	1420

Call Model	Plate Dimension	Box Dimension
EH920 Simplex	450 × 110	430 × 100 × 50
EHD920 Duplex	450 × 180	430 × 170 × 50



Installation Dimensions(mm)



COP120

Features

- Material of panel: hairline stainless steel, mirror finished stainless steel
- Type of input signal: Seven segment code, BCD code, serial communication
- Display in the car and hall: "overload, fire control, full, stop, inspection, etc."
- Hall landing operation panel: simplex type or duplex type

Recommended Buttons



EB 210

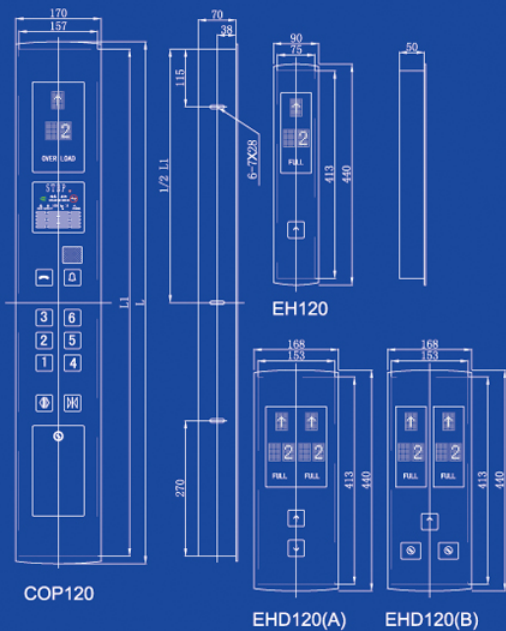
EB 410

Floors	L	L1
L02-L08	1030	1000
L09-L16	1210	1180
L17-L24	1390	1360
L25-L32	1570	1540

Call Model	Plate Dimension	Box Dimension
EH120 Simplex	440 × 90	413 × 75 × 50
EHD120 Duplex	440 × 168	413 × 153 × 50



Installation Dimensions(mm)



COP211

Features

- Material of panel: hairline stainless steel, mirror finished stainless steel, flanging on left and right sides of the plate, plastic seals on top and bottom ends
- Type of input signal: Seven segment code, BCD code, serial communication
- Display in the car and hall: "overload, fire control, full, stop, inspection, etc."
- Hall landing operation panel: simplex type or duplex type

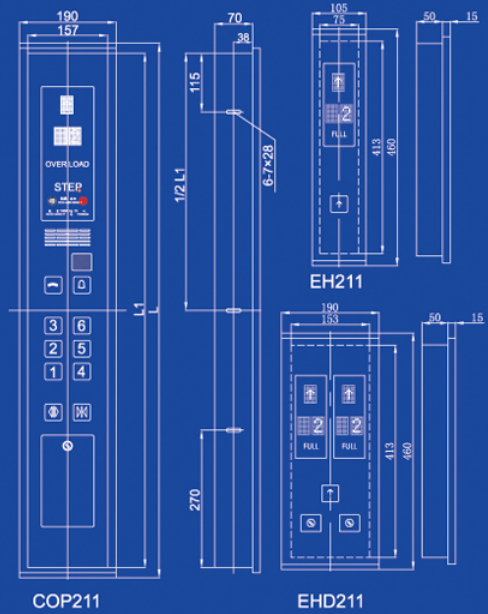
Recommended Buttons



Floors	L	L1
L02-L08	1040	1000
L09-L16	1220	1180
L17-L24	1400	1360
L25-L32	1580	1540

Call Model	Plate Dimension	Box Dimension
EH211 Simplex	460 × 105	413 × 75 × 50
EHD211 Duplex	460 × 190	413 × 153 × 50

Installation Dimensions(mm)



COP221

Features

- Material of panel: hairline stainless steel, mirror finished stainless steel, flanging on left and right sides of the plate, plastic seals on top and bottom ends
- Type of input signal: Seven segment code, BCD code, serial communication
- Display in the car and hall: "overload, fire control, full, stop, inspection, etc."
- Hall landing operation panel: simplex type or duplex type

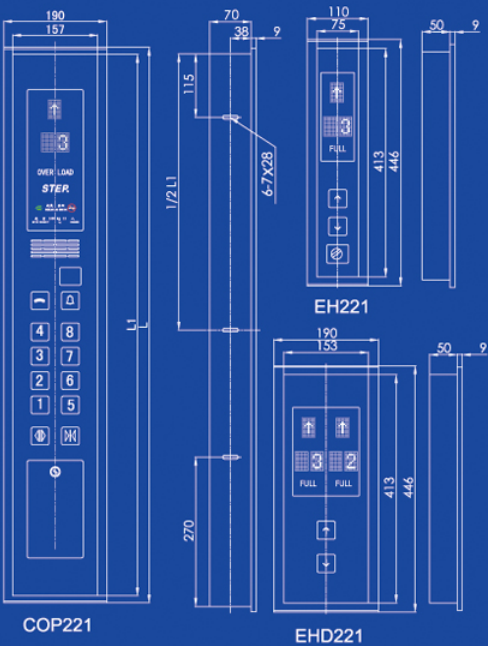
Recommended Buttons



層站數	L	L1
L02-L08	1026	1000
L09-L16	1206	1180
L17-L24	1386	1360
L25-L32	1566	1540

Call Model	Plate Dimension	Box Dimension
EH211 Simplex	446 × 110	413 × 75 × 50
EHD211 Duplex	446 × 190	413 × 153 × 50

Installation Dimensions(mm)





COP410

Features

- Material of panel: hairline stainless steel, mirror finished stainless steel, etc.
- Type of input signal: Seven segment code, BCD code, serial communication
- Display in the car: "overload, fire control, etc."
- Hall landing operation panel: simplex type or duplex type

Recommended Buttons



EB 610

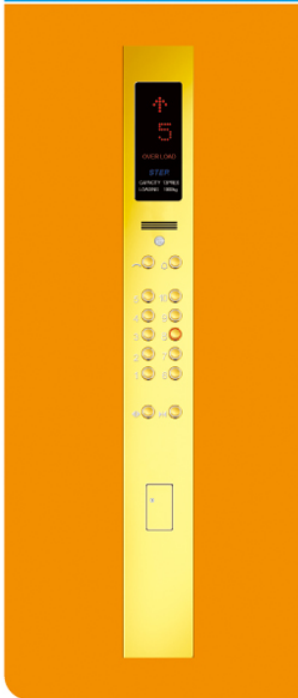
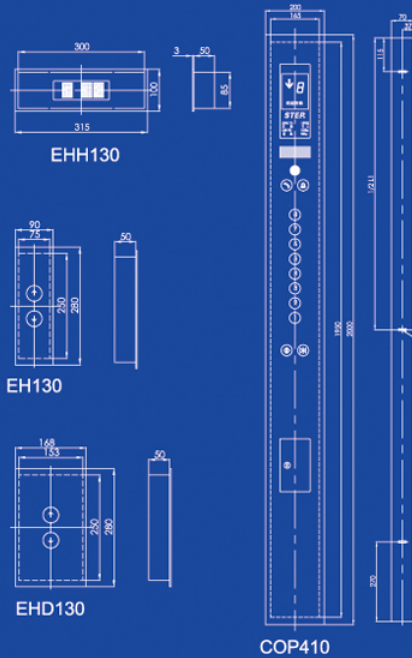


EBC 22

Floors	L	L1
L02-L24	2000	1950

Call Model	Plate Dimension	Box Dimension
EH130 Simplex	280 × 90	250 × 75 × 50
EHD130 Duplex	280 × 168	250 × 153 × 50

Installation Dimensions(mm)



COP1010

Features

- Material of panel: mirror finished stainless steel fiber drawing effect in the middle part
- Type of input signal: Seven segment code, BCD code, serial communication
- Display in the car and hall: "overload, fire control, full, stop, inspection, etc."
- Hall landing operation panel: simplex type or duplex type

Recommended Buttons



EB 210

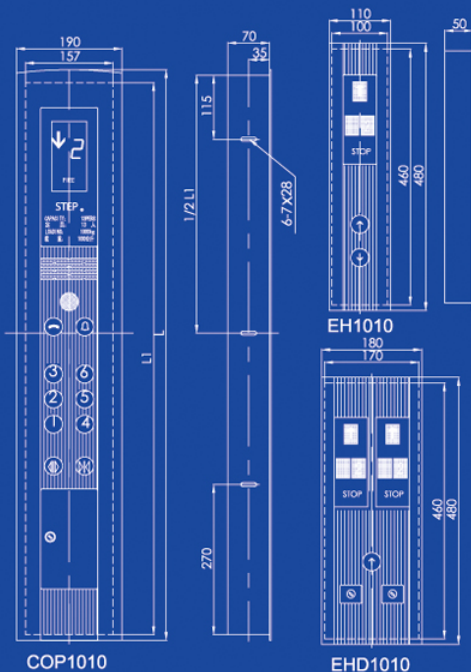


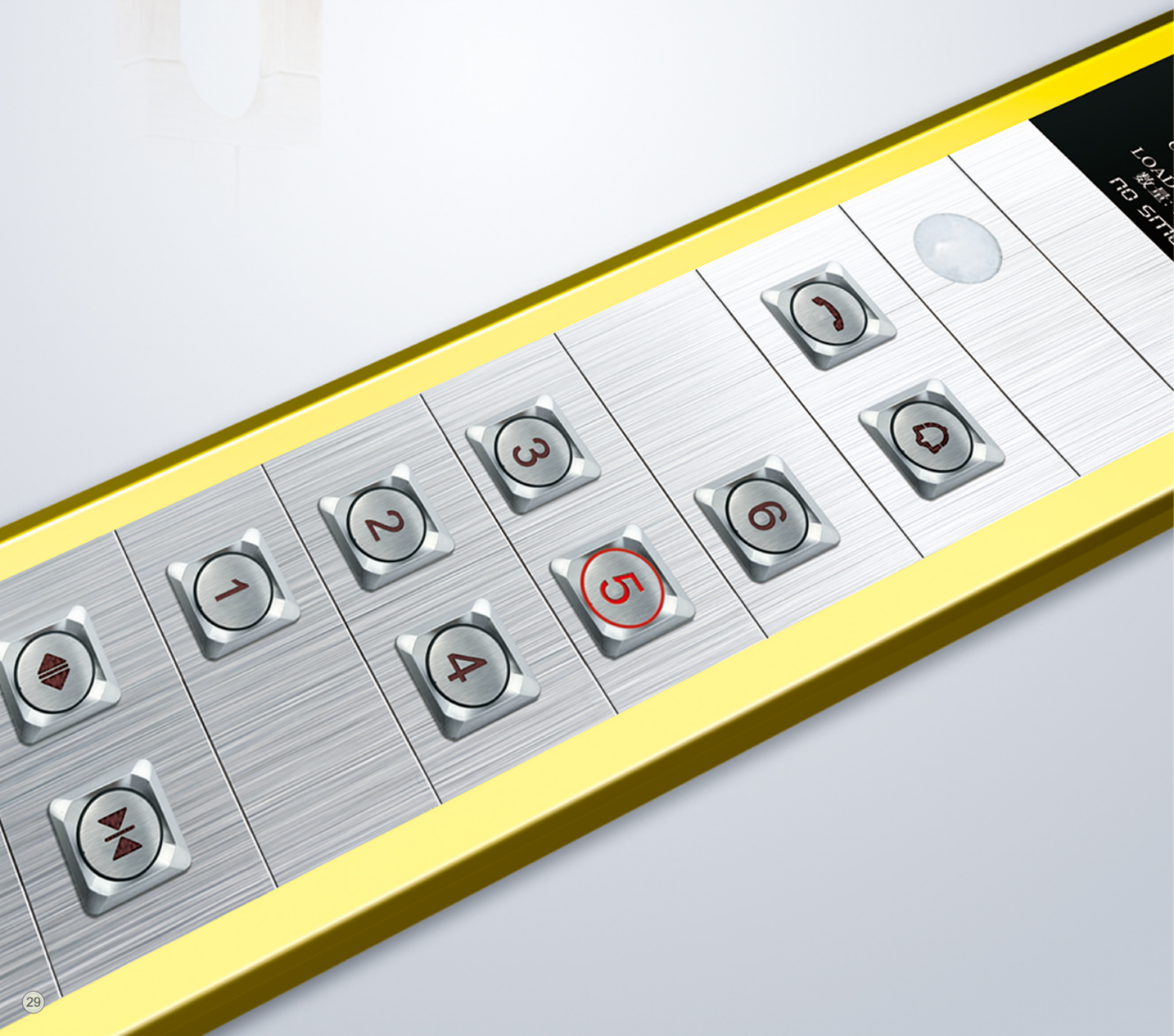
EB 410

Floors	L	L1
L02-L08	1026	1000
L09-L16	1206	1180
L17-L24	1386	1360
L25-L32	1566	1540

Call Model	Plate Dimension	Box Dimension
EH1010 Simplex	480 × 110	460 × 100 × 50
EHD1010 Duplex	480 × 180	460 × 170 × 50

Installation Dimensions(mm)







COP1020



Features

- Material of panel: mirror finished stainless steel, surface golden titanium plated
- Type of input signal: Seven segment code, BCD code, serial communication
- Display in the car and hall: "overload, fire control, full, stop, inspection, etc."
- Hall landing operation panel: simplex type or duplex type

Recommended Buttons



EBC 10



EBC 22

Floors	L	L1
L02-L16	1540	1500
L17-L24	1740	1700

Call Model	Plate Dimension	Box Dimension
EH1020 Simplex	500×110	460×100×50
EHD1020 Duplex	500×180	460×170×50

Installation Dimensions(mm)

EH1020

EHD1020

COP1020

COP1050



Features

- Material of panel: hairline stainless steel, mirror finished stainless steel
- Type of input signal: Seven segment code, BCD code, serial communication
- Display in the car and hall: "overload, fire control, full, stop, inspection, etc."
- Hall landing operation panel: simplex type

Recommended Buttons



EB 410A



EB 510

Floors	L	L1
L02-L08	1040	1000
L09-L16	1220	1180
L17-L24	1400	1360
L25-L32	1580	1540

Call Model	Plate Dimension	Box Dimension
EH1050 Simplex	440×110	100×413×50

Installation Dimensions(mm)

EH1050

COP1050

載
防

STEP[®]

CAPACITY: 13PRS
乘员: 13位

LOAD ING: 1000 KG
数量: 1000公斤

NO SMOKING





COP1000A01

Features

- Material of panel: hairline stainless steel, flanging on left and right sides of the plate
- Type of input signal: Seven segment code, BCD code, serial communication
- Display in the car and hall: "overload, fire control, full, stop, inspection, etc."
- Hall landing operation panel: simplex type or duplex type

Recommended Buttons

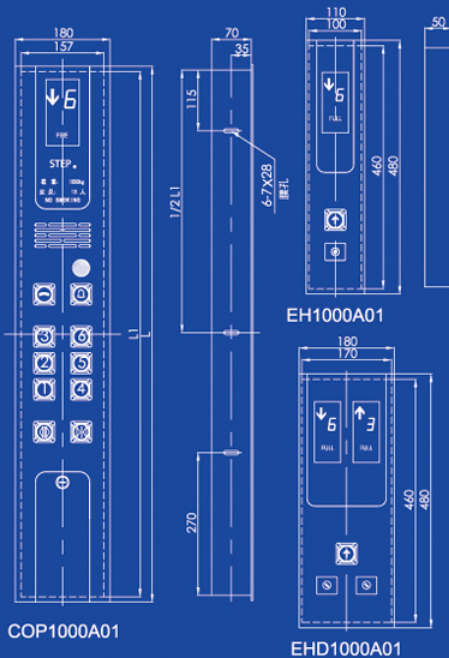


EB 420 EB 430

Floors	L	L1
L02-L08	1020	1000
L09-L16	1200	1180
L17-L24	1380	1360
L25-L32	1560	1540

Call Model	Plate Dimension	Box Dimension
EH1000A01 Simplex	480×110	460×100×50
EHD1000A01 Duplex	480×180	460×170×50

Installation Dimensions(mm)



COP1000A02

Features

- Material of panel: hairline stainless steel, mirror finished stainless steel, left and right sides of the plate made of black aluminum.
- Type of input signal: Seven segment code, BCD code, serial communication
- Display in the car and hall: "overload, fire control, full, stop, inspection, etc."
- Hall landing operation panel: simplex type or duplex type

Recommended Buttons

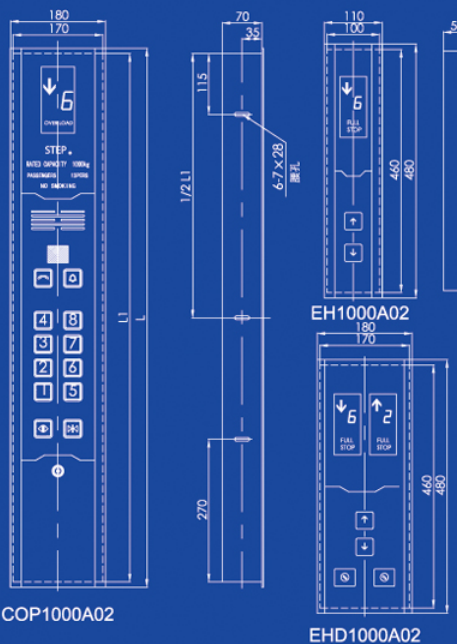


EB 220 EB 910 EB 920

Floors	L	L1
L02-L08	1020	1000
L09-L16	1200	1180
L17-L24	1380	1360
L25-L32	1560	1540

Call Model	Plate Dimension	Box Dimension
EH1000A02 Simplex	480×110	460×100×50
EHD1000A02 Duplex	480×180	460×170×50

Installation Dimensions(mm)







COP1030

Features

- Material of panel: mirror finished stainless steel , surface golden titanium plated
- Type of input signal: Seven segment code, BCD code, serial communication
- Display in the car and hall: "overload, fire control, full, stop, inspection, etc."
- Hall landing operation panel: simplex type or duplex type

Recommended Buttons

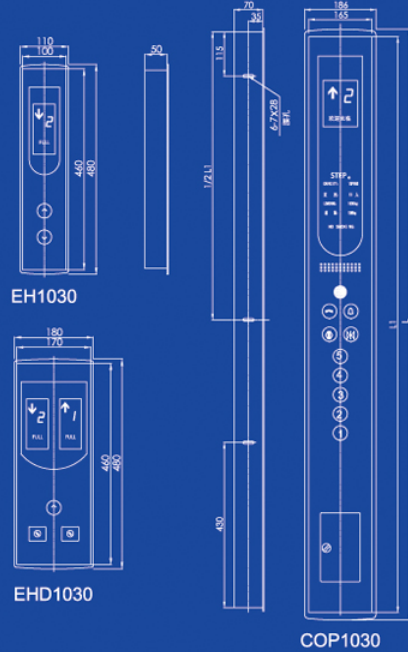


Floors	L	L1
L02-L16	1540	1500
L17-L24	1740	1700

Call Model	Plate Dimension	Box Dimension
EH1030 Simplex	480×110	460×100×50
EHD1030 Duplex	480×180	460×170×50



Installation Dimensions(mm)



COPB01

Features

- Material of panel: black plastic
- Type of input signal: Seven segment code, BCD code, serial communication
- Display in the car and hall: "overload, fire control, full, stop, inspection, etc."
- Hall landing operation panel: simplex type or duplex type

Recommended Buttons

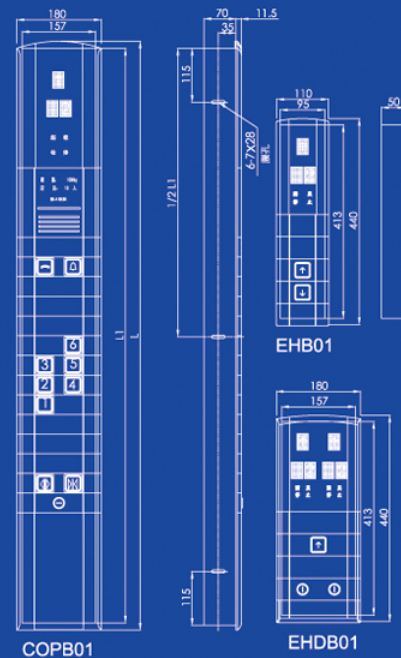


Floors	L	L1
L02-L12	1200	1169
L13-L24	1452	1421
L25-L32	1662	1631

Call Model	Plate Dimension	Box Dimension
EHB01 Simplex	440×110	413×95×50
EHDB01 Duplex	440×180	413×157×50



Installation Dimensions(mm)



COP1000A03

Features

- Material of panel: hairline stainless steel, mirror finished stainless steel, organism glazing on the top
- Type of input signal: Seven segment code, BCD code, serial communication
- Display in the car and hall: "overload, fire control, full, stop, inspection, etc."
- Hall landing operation panel: simplex type or duplex type

Recommended Buttons

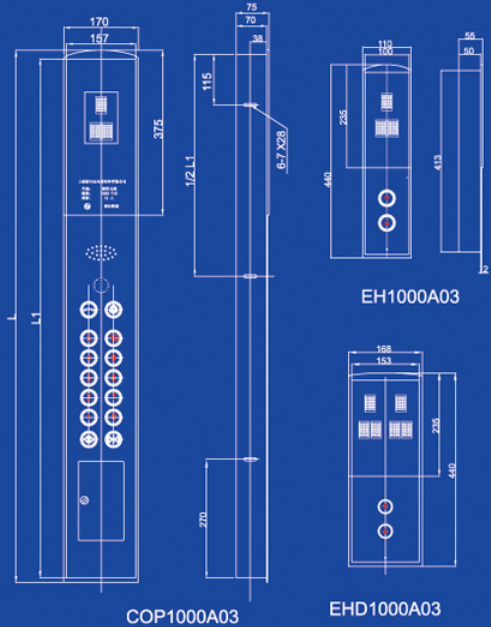


EB 111 EB 210 EB 410A

Floors	L	L1
L02-L08	1030	1000
L09-L16	1210	1180
L17-L24	1390	1360
L25-L32	1570	1540

Call Model	Plate Dimension	Box Dimension
EH1000A03 Simplex	440×110	413×100×50
EHD1000A03 Duplex	440×168	413×153×50

Installation Dimensions(mm)



COP1000A04

Features

- Material of panel: hairline stainless steel, mirror finished stainless steel, pearl acrylic board using on the top
- Type of input signal: Seven segment code, BCD code, serial communication
- Display in the car and hall: "overload, fire control, full, stop, inspection, etc."
- Hall landing operation panel: simplex type or duplex type

Recommended Buttons

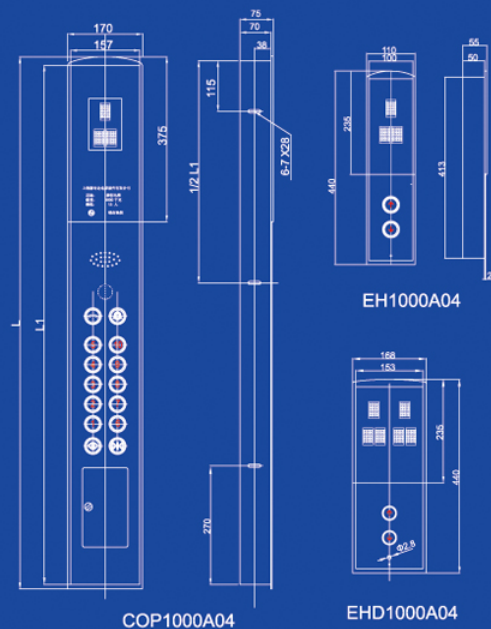


EB 111 EB 210 EB 410A

Floors	L	L1
L02-L08	1030	1000
L09-L16	1210	1180
L17-L24	1390	1360
L25-L32	1570	1540


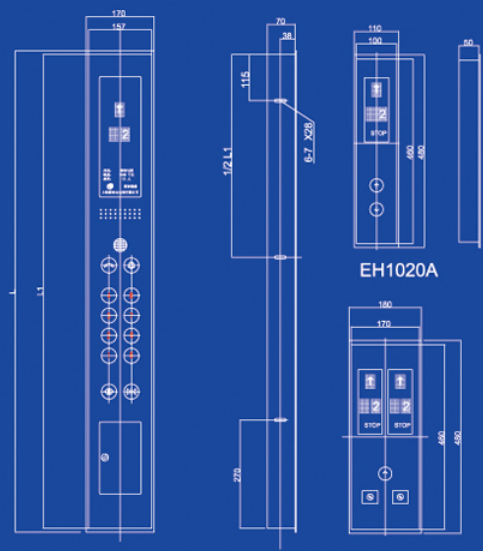

Call Model	Plate Dimension	Box Dimension
EH1000A04 Simplex	440×110	413×100×50
EHD1000A04 Duplex	440×168	413×153×50

Installation Dimensions(mm)


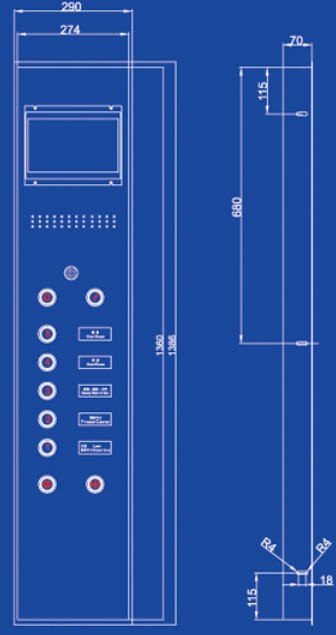






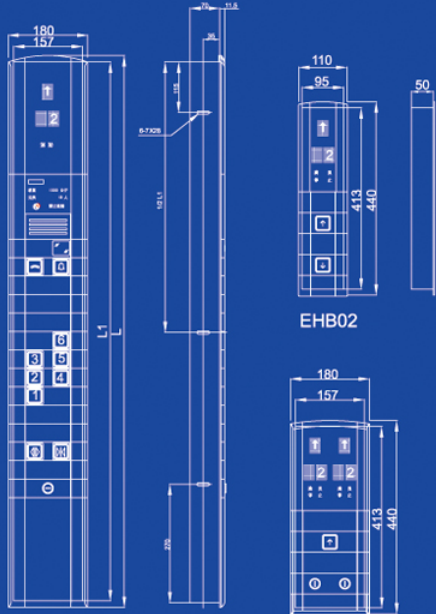

COP1020A

	<h3>Features</h3> <ul style="list-style-type: none"> Material of panel: mirror finished stainless steel, rose gold, black titanium Type of input signal: Seven segment code, BCD code, serial communication Display in the car and hall: "overload, fire control, full, stop, inspection, etc." Hall landing operation panel: simplex type or duplex type 	<h3>Installation Dimensions(mm)</h3>  <p>COP1020A EHD1020A</p>																						
	<h3>Recommended Buttons</h3>  <p>PB 20 EB 510</p> <table border="1"> <thead> <tr> <th>Floors</th> <th>L</th> <th>L1</th> </tr> </thead> <tbody> <tr> <td>L02-L08</td> <td>1020</td> <td>1000</td> </tr> <tr> <td>L09-L16</td> <td>1200</td> <td>1180</td> </tr> <tr> <td>L17-L24</td> <td>1380</td> <td>1360</td> </tr> <tr> <td>L25-L32</td> <td>1560</td> <td>1540</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Call Model</th> <th>Plate Dimension</th> <th>Box Dimension</th> </tr> </thead> <tbody> <tr> <td>EH1020A Simplex</td> <td>480×110</td> <td>460×100×50</td> </tr> <tr> <td>EHD1020A Duplex</td> <td>480×180</td> <td>460×170×50</td> </tr> </tbody> </table>		Floors	L	L1	L02-L08	1020	1000	L09-L16	1200	1180	L17-L24	1380	1360	L25-L32	1560	1540	Call Model	Plate Dimension	Box Dimension	EH1020A Simplex	480×110	460×100×50	EHD1020A Duplex
Floors	L	L1																						
L02-L08	1020	1000																						
L09-L16	1200	1180																						
L17-L24	1380	1360																						
L25-L32	1560	1540																						
Call Model	Plate Dimension	Box Dimension																						
EH1020A Simplex	480×110	460×100×50																						
EHD1020A Duplex	480×180	460×170×50																						


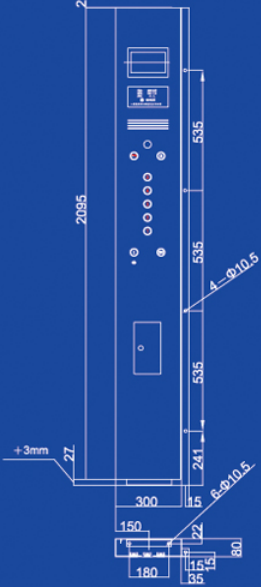

COP1060

	<h3>Features</h3> <ul style="list-style-type: none"> Material of panel: hairline stainless steel, mirror finished stainless steel Type of input signal: Seven segment code, BCD code, serial communication Display in the car and hall: "overload, fire control, full, stop, inspection, etc." Optional ultrathin hall call panel Applied for business office, limited to the elevator with 8-floor below only 	<h3>Installation Dimensions(mm)</h3>  <p>COP1060</p>
	<h3>Recommended Buttons</h3>  <p>EB 111 EB 960</p>	

COPB02


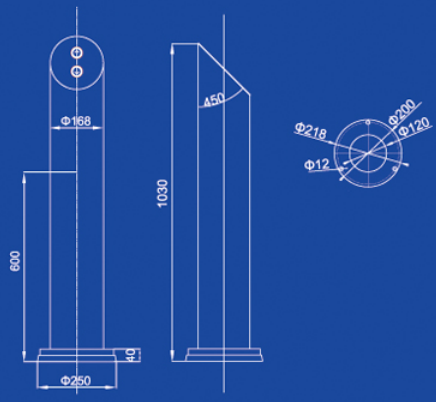


	▲ Features	▲ Installation Dimensions(mm)																					
	<ul style="list-style-type: none"> Material of panel: plastics in two different browns stitched Type of input signal: Seven segment code, BCD code, serial communication Display in the car and hall: "overload, fire control, full, stop, inspection, etc." Hall landing operation panel: simplex type or duplex type 	 <p style="text-align: center; margin-top: 10px;">COPB02 EHB02 EHDB02</p>																					
	▲ Recommended Buttons																						
	 <p>EB 221</p> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Floors</th> <th>L</th> <th>L1</th> </tr> </thead> <tbody> <tr> <td>L02-L12</td> <td>1200</td> <td>1169</td> </tr> <tr> <td>L13-L24</td> <td>1452</td> <td>1421</td> </tr> <tr> <td>L25-L32</td> <td>1662</td> <td>1631</td> </tr> </tbody> </table> <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Call Model</th> <th>Plate Dimension</th> <th>Box Dimension</th> </tr> </thead> <tbody> <tr> <td>EHB02 Simplex</td> <td>440×110</td> <td>413×95×50</td> </tr> <tr> <td>EHDB02 Duplex</td> <td>440×180</td> <td>413×157×50</td> </tr> </tbody> </table>	Floors	L	L1	L02-L12	1200	1169	L13-L24	1452	1421	L25-L32	1662	1631	Call Model	Plate Dimension	Box Dimension	EHB02 Simplex	440×110	413×95×50	EHDB02 Duplex	440×180	413×157×50	
Floors	L	L1																					
L02-L12	1200	1169																					
L13-L24	1452	1421																					
L25-L32	1662	1631																					
Call Model	Plate Dimension	Box Dimension																					
EHB02 Simplex	440×110	413×95×50																					
EHDB02 Duplex	440×180	413×157×50																					

COPQ1080


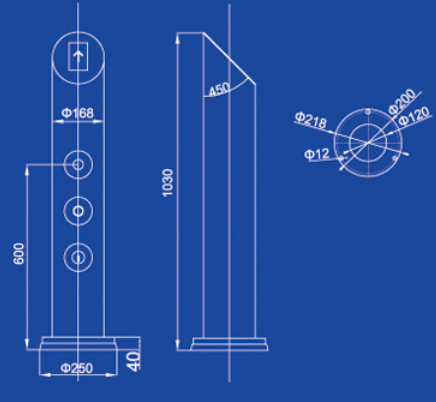


	▲ Features	▲ Installation Dimensions(mm)
	<ul style="list-style-type: none"> Material of panel: hairline stainless steel, mirror finished stainless steel Panel and column box connected with hinge, easy to repair Column connected directly to the wainscot of car, easy to install Type of input signal: Seven segment code, BCD code, serial communication Display in the car and hall: "overload, fire control, full, stop, inspection, etc." Hall landing operation panel: simplex type or duplex type 	 <p style="text-align: center; margin-top: 10px;">COPQ1080</p>
	▲ Recommended Buttons	
	 <p>EB 310 EB 960</p>	



EH2980A

		Features	Installation Dimensions(mm)
	<ul style="list-style-type: none"> Material of panel: hairline stainless steel, mirror finished stainless steel Panel and column connected with buckle, easy to install Hall Call pillar can be made into escalator column, single button, double buttons, single button with key, direction indicator 	 <p>EH2980A</p>	
	<p style="text-align: center;">Recommended Buttons</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>EB 310</p> </div> <div style="text-align: center;">  <p>EB960</p> </div> </div>		

EH2980B

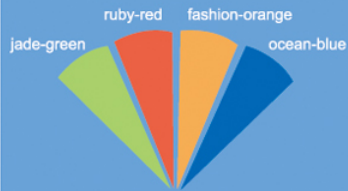
		Features	Installation Dimensions(mm)
	<ul style="list-style-type: none"> Material of panel: hairline stainless steel, mirror finished stainless steel Panel and column connected with buckle, easy to install Hall Call pillar can be made into escalator column, single button, double buttons, single button with key, direction indicator 	 <p>EH2980B</p>	
	<p style="text-align: center;">Recommended Buttons</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>EB 310</p> </div> <div style="text-align: center;">  <p>EB960</p> </div> </div>		

AL Lantern Series

Features

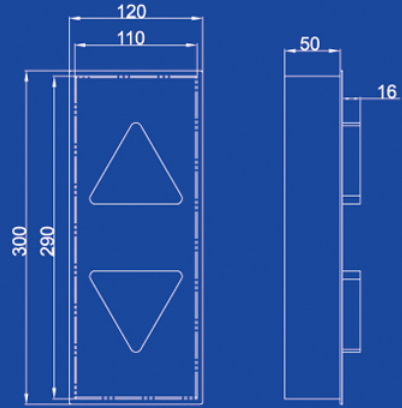
- Faceplate material of hairline stainless steel ,mirror finished stainless steel etc.
- Connection of faceplate with box by clip sets, easy to install
- Lantern shape and lighting colors selectable (red, green, orange, blue)
- Lantern model and ring tune can be chosen to meet the needs of clients

Lighting colors selectable



AL240

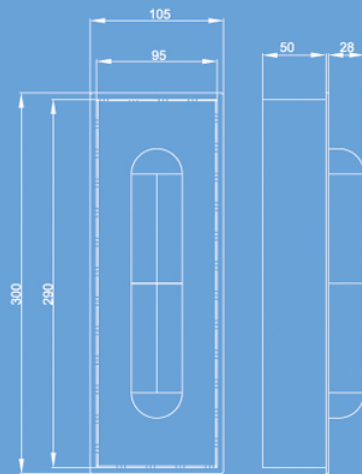
Installation Dimensions(mm)



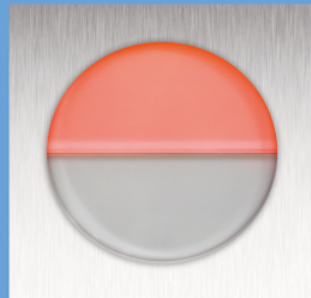
AL240



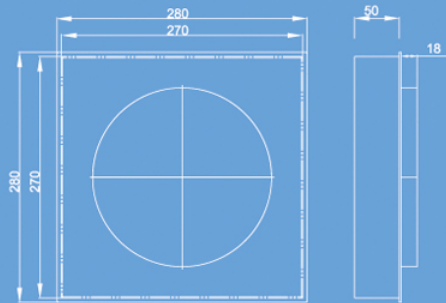
AL220



AL220



AL230


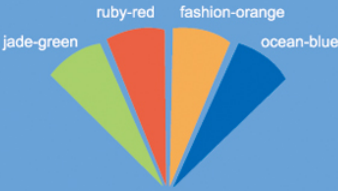
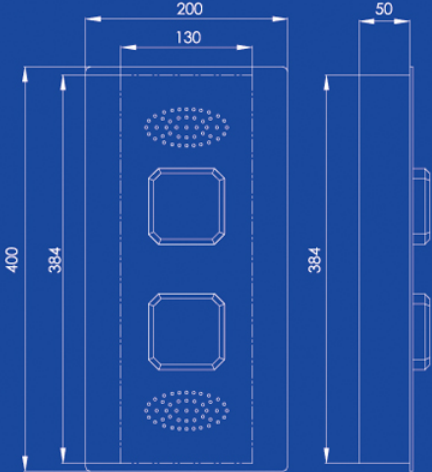



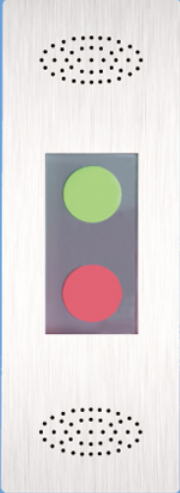
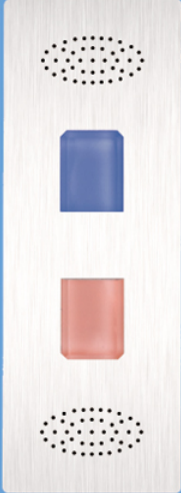
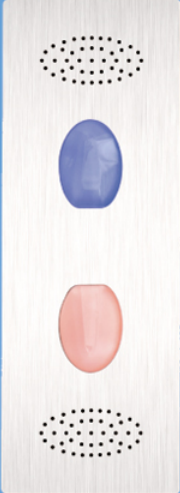
AL230

Arrival Lantern



AL Lantern Series

	Features	Installation Dimensions(mm)
 <p data-bbox="302 1039 373 1066">AL130</p>	<ul data-bbox="503 457 832 678" style="list-style-type: none"> • Faceplate material of hairline stainless steel ,mirror finished stainless steel etc. • Connection of faceplate with box by clip sets, easy to install • Lantern shape and lighting colors selectable (red, green, orange, blue) • Lantern model and ring tune can be chosen to meet the needs of clients <p data-bbox="514 758 821 789"> Lighting colors selectable</p> 	 <p data-bbox="1059 1035 1119 1056">AL130</p>

 <p data-bbox="302 1850 373 1877">AL110</p>	 <p data-bbox="597 1850 667 1877">AL120</p>	 <p data-bbox="890 1850 961 1877">AL140</p>	 <p data-bbox="1185 1850 1255 1877">AL150</p>
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List of optional buttons on COP & LOP

	PB20	EB111	EB210	EB220	EB221	EB310	EB410A	EB420	EB430	EB510	EB610	EB910	EB920	EB950	EB960	EB980	EBB10	EBB30	EBC10	EBC12	EBC22	KA115	KA117
COP120 EH120 EHD120	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√		√
COP211 EH211 EHD211	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√		√
COP221 EH221 EHD221	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√		√
COP410 EH130 EHD130	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
COP510 EH510 EHD510	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
COP811 EH811 EHD811	√	√	√	√	√	√	√	√		√	√	√	√	√	√								√
COP920A01 EH920 EHD920	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√							√
COP1000A01 EH1000A01 EHD1000A01	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√		√
COP1000A02 EH1000A02 EHD1000A02	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√		√
COP1010 EH1010 EHD1010	√	√	√	√	√	√	√	√		√	√	√	√			√	√	√	√	√	√		
COP1020 EH1020 EHD1020	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
COP1030 EH1030 EHD1030	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
COPB01 EHB01 EHDB01				√																			
COPB02 EHB02 EHDB02					√																		
COP1050 EH1050	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
COP1000A03 EH1000A03 EHD1000A03	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
COP1000A04 EH1000A04 EHD1000A04	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
COP1020A EH1020A EHD1020A	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
COP1060	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
COPQ1080	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
EH2980	√	√	√			√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√

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