

2022

PRODUCT CATALOGUE

MEGA7



AVOX



RETINA



ANTERA



RADIAN





www.genemek.com

DISCOVER NOW



What do we do?

GENEMEK has been designing and manufacturing elevator user experience interface components for over the 20 years.

To be used for the various purposes from the new building elevators to modernisation projects and compatible with the well-known leading control panels:

- Landing Operator Panels
- Car Operator Panels
- Floor position and status indicators
- Push buttons
- Administration equipment
- Emergency equipment
- Intercom
- Parallel and CANBUS prewired panels
- Customizable panel options



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CAR OPERATOR PANELS

AVOX - Ultra thin surface mounted	
DSCR, 7 segment, parallel type	7-8
CSPR, 7 segment, prewired	9-10
CDDR, LED matrix, CANBUS	11-12
CT4D, 4.3" color TFT, CANBUS	13-14
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LANDING OPERATOR PANELS

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LED - 7 Segment & LED matrix indicators	55-56
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ELECTRONIC ASSEMBLY LINE



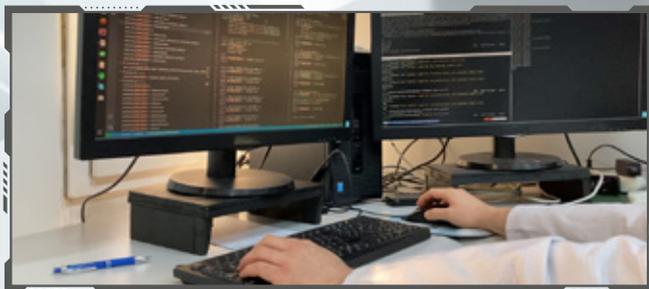
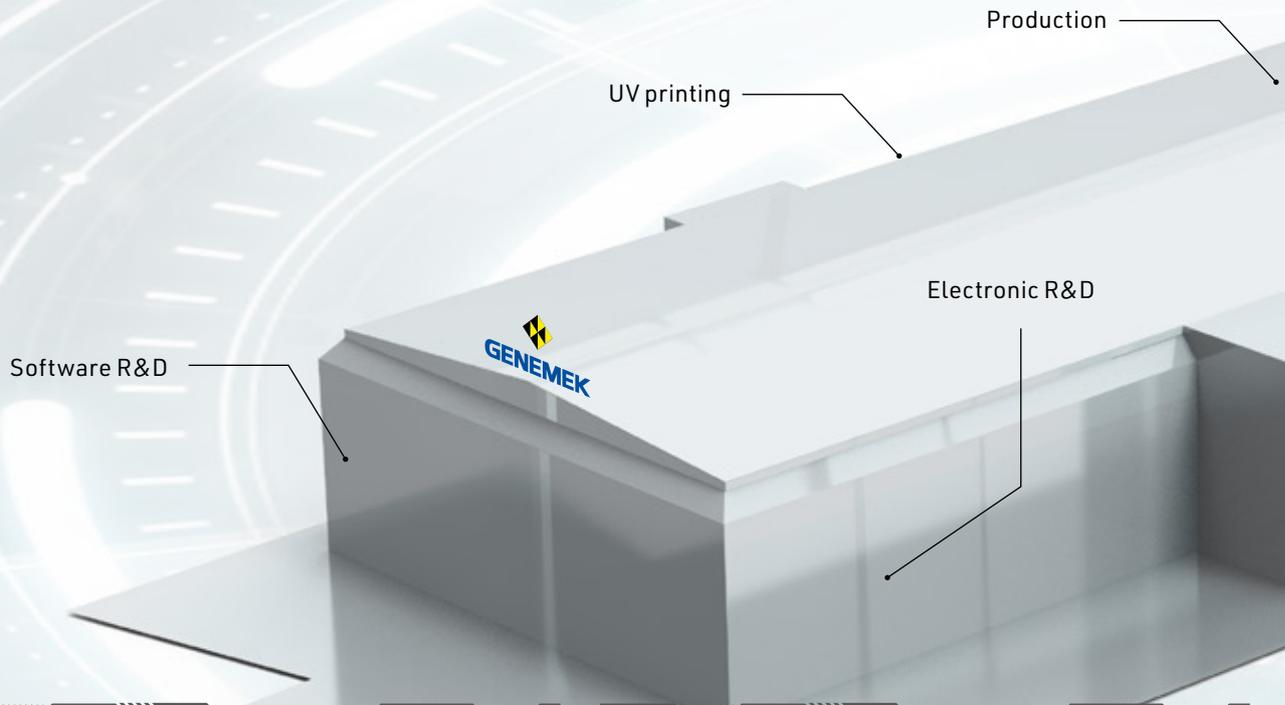
ELECTRONIC ASSEMBLY LINE



AUTOMATIC OPTICAL INSPECTION



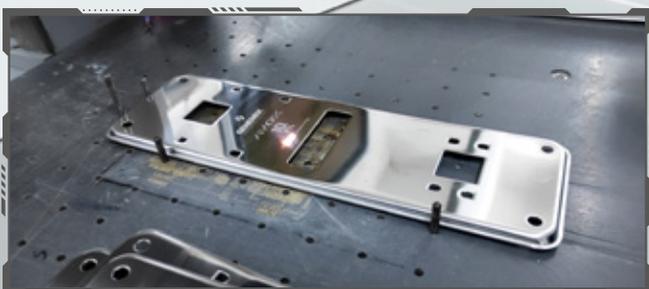
AUTOMATIC PICK AND PLACE



RESEARCH & DEVELOPMENT



RESEARCH & DEVELOPMENT



LASER MARKING



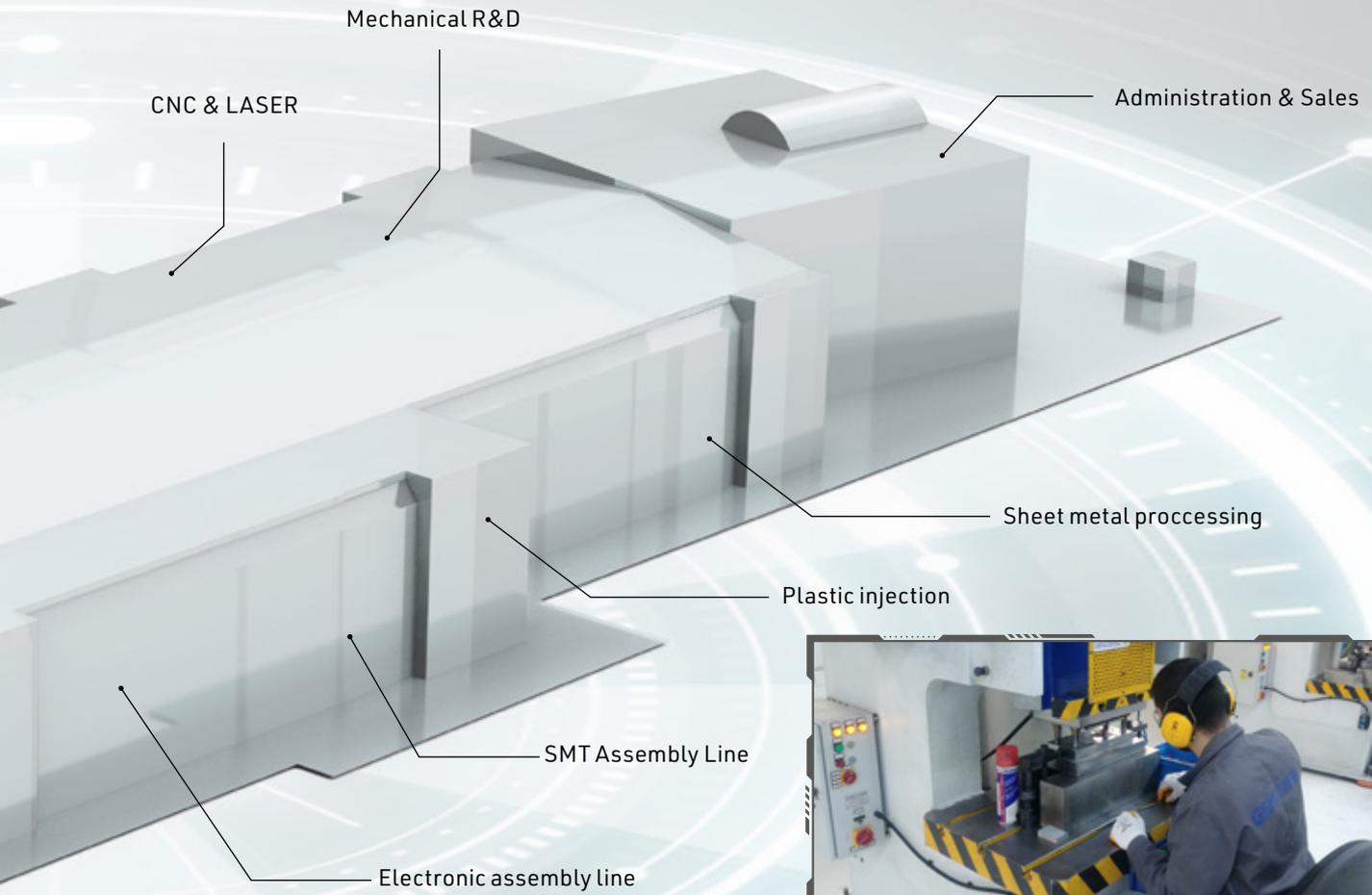
BUTTON ASSEMBLY



PLASTIC INJECTION



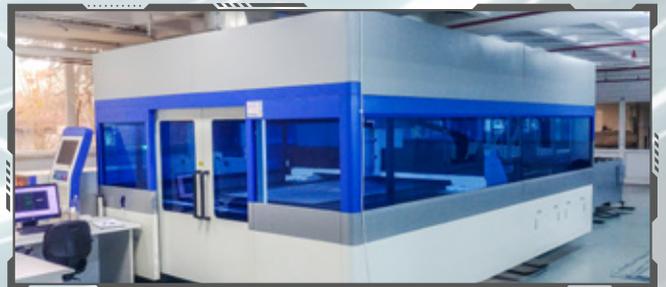
CNC MACHINING



SHEET METAL PROCESSING



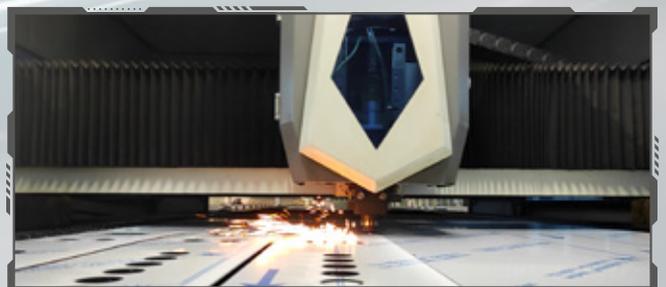
CNC BENDING



LASER CUTTING

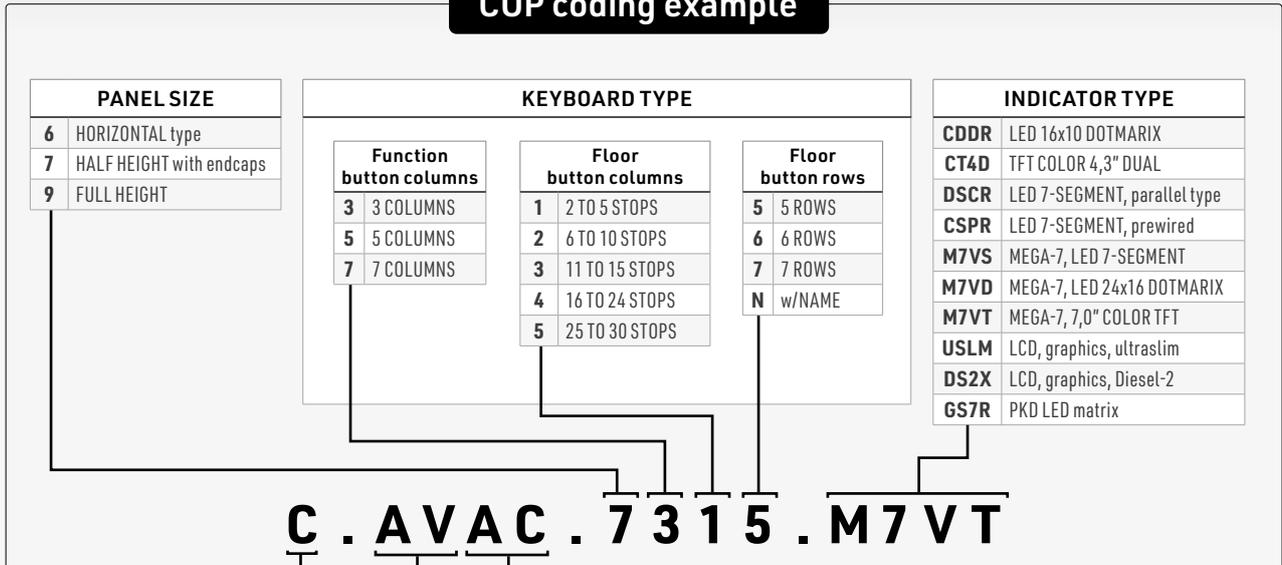


CNC BENDING



LASER CUTTING

COP coding example



CATEGORY	
A	Assembly
B	Button
C	Car Operator Panel
E	Electronic
G	Packaging
H	Housing
K	Key switch
L	Landing Operator Panel
M	Module
P	Part
S	Service
W	Wiring

MODEL	
AV	AVOX
AT	ANTERA
MN	MONO
EP	EPAK
EC	ECLASER
RC	RACE
AR	ARENA
HR	HERA
QD	QUAD
RT	RETINA
RD	RADIAN
UF	UFO
RM	RAM

CONNECTION TYPE	
AC	ARCODE / ARCUBE / ARL700
AB	AYBEYALC / ACT / MAESTRO
BG	Binary Gray
CP	CanOpen
GC	GENCAN
MK	Mikel Sx+, Ultra, uSTO
MT	MOTCODE, MOTCUBE
HY	Hyundai STVF
NF	Nidec F3
PW	Prowired
ST	STEP AS380 F5021
ML	MikroLift CAN
NS	Nut Screw
NW	Naked Wire
JS	JST XH
TB	Terminal Block
CF	Flat Cable
CT	Cable Shoes terminal

L . AVNS . 1 0 7 2 . R Z B

LOP TYPE	
1	Landing Operator Panel (single button)
2	Landing Operator Panel (dual buttons)
3	Landing Indicator Panel
4	Door Top Indicator

EXTRAS	
1	White arrows
2	Led arrow
3	Axes
4	Password
5	RFID
6	Keyswitch

INDICATOR	
1	LED matrix indicator, single
2	LED matrix indicator, dual
3	LCD, graphics, 70x40, single
4	LCD, graphics, 70x40, dual
7	LED, 7-Segment, single
8	LED, 7-Segment, dual
B	4,3" TFT Color Display

BUTTON	
1	QUAD
2	AVOX
3	RADIAN

LED COLOR	
R	Red
G	Green
B	Blue
W	White
A	Amber
M	Multi-color

Z Buzzer B Braille

LOP coding example

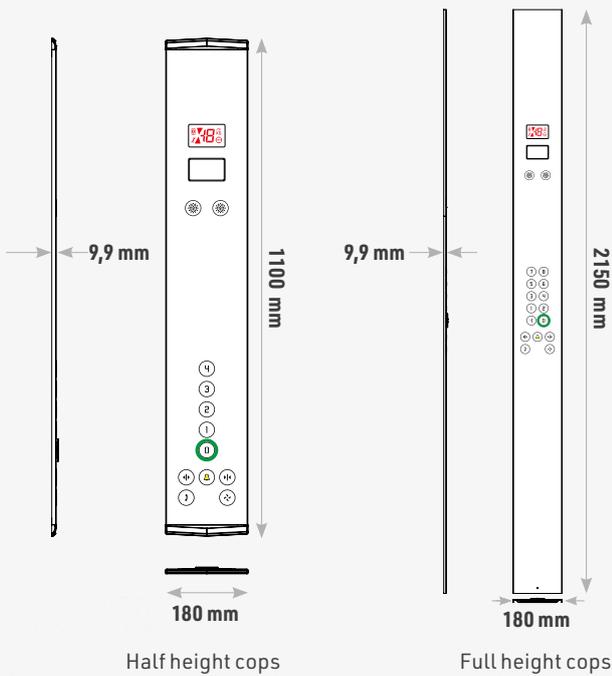
Description

AVOX half & full height car operator panels with DSC floor indicators which is simple and cost effective solution for all parallel type elevator controllers. Direct LED inputs will result to show respecting floor position information with using 7 segment mapped digits. Special letters like G P L R B can be shown if your elevator controller is capable to give out respecting outputs. Separate arrow shaped illuminated symbols can indicate travelling direction. Maintenance and overload situations can also be shown with using illuminated symbols.

Features

- 9.9mm surface mounted
- Parallel type connection
- 2-15 stops
- EN81-70, EN81-28 compliant
- Versatile, cost-effective, flexible design

Dimensions





7315.DSCR

7325.DSCR

7335.DSCR

9315.DSCR

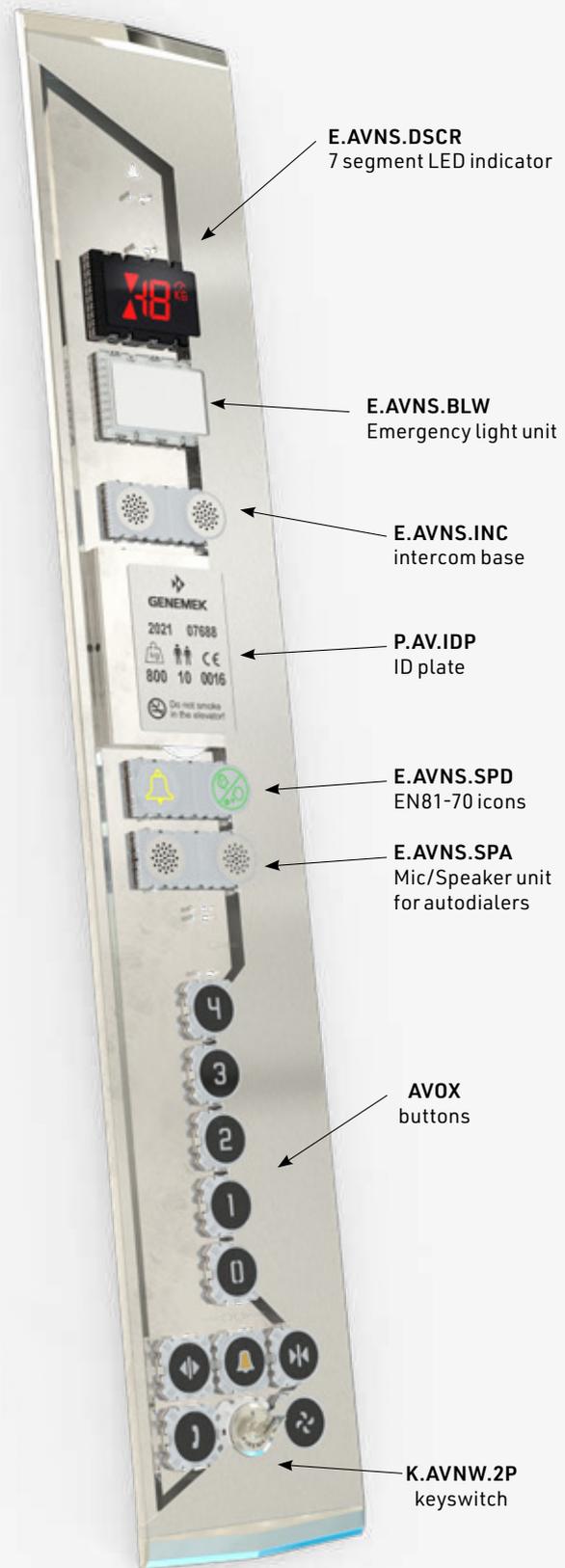
9325.DSCR

9335.DSCR



Inside view

The mount plate is designed for easy installation. Triangle hook hole ensures to meet the EN81-70 standard dimensions which is available on AVOX models. Customizable fincuts to support various components and combinations.



E.AVNS.DSCR
7 segment LED indicator

E.AVNS.BLW
Emergency light unit

E.AVNS.INC
intercom base

P.AV.IDP
ID plate

E.AVNS.SPD
EN81-70 icons

E.AVNS.SPA
Mic/Speaker unit
for autodialers

AVOX
buttons

K.AVNW.2P
keyswitch

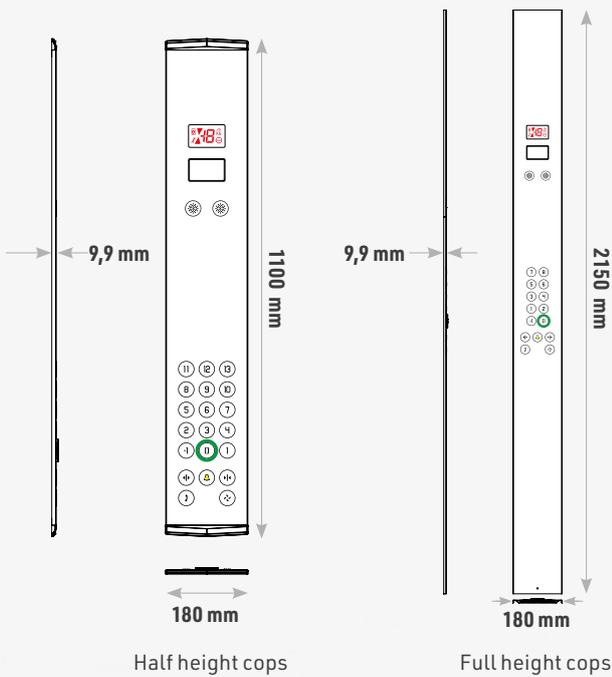
Description

AVOX half & full height car operator panels with CSP floor position indicator and CKP keyboard module which is the plug and play prewiring solution for all parallel type elevator controllers. RDP3 is designed to route all necessary connection via protected flat cable through CSP indicator and CKP keyboard modules. Simple electrical and mechanical installation will result clean and professional looking results on car side operator panels.

Features

- 9.9mm surface mounted
- Parallel prewired type connection
- 2-15 stops
- EN81-70, EN81-28 compliant
- Versatile, cost-effective, flexible design

Dimensions





7315.CSPR



7325.CSPR



7335.CSPR



9315.CSPR



9325.CSPR

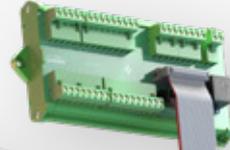


9335.CSPR

Inside view

CSP module which combines the 7 segment indicator, intercom and emergency light unit is connected to RDP3 with white IDC cable and CKP keyboard module is connected with black IDC cable.

E.AVPW.RDP3



E.AVPW.CSPR
parallel prewired
indicator, intercom
&
emergency light unit

W.CTI.3
3m COP to CTB
wiring cable

E.AVPW.KP335
parallel prewired keyboard

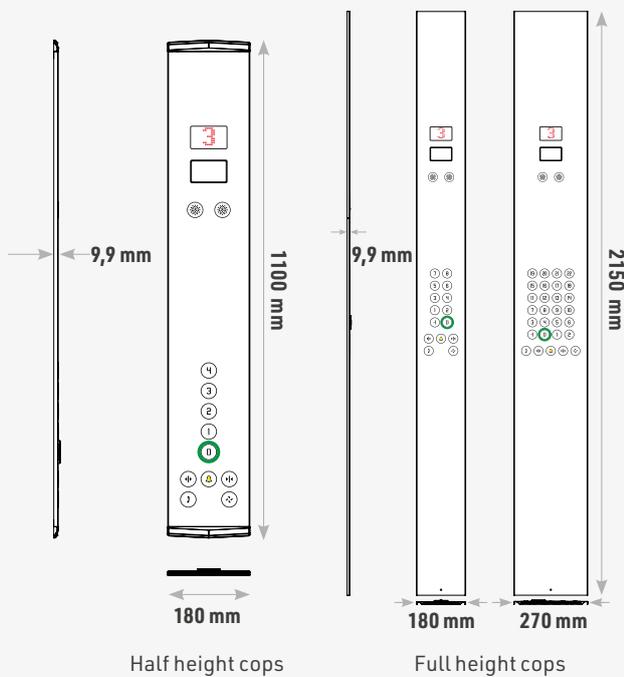
Description

AVOX half & full height car operator panels with CDD LED matrix floor position indicator and CKS keyboard module are made for elevator controllers which uses serial (CANBUS) communication. Simple plug and play connection structure needs no time to spend on electrical and mechanical installation. CKS keyboard modules are connected to CDD.

Features

- 9.9mm surface mounted
- CANBUS, serial prewired type connection
- 2-30 stops
- EN81-70, EN81-28 compliant
- Versatile, cost-effective, flexible design

Dimensions





7315.CDDR



7325.CDDR



7335.CDDR



E.AVAC.CDDR
16x10 LED matrix,
emergency light unit
& intercom base



E.AVJS.KS315
serial prewired keyboard

9315.CDDR



9325.CDDR



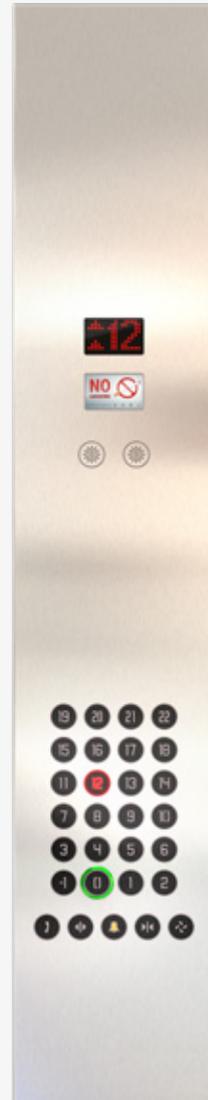
9335.CDDR



952N.CDDR



9546.CDDR



9556.CDDR



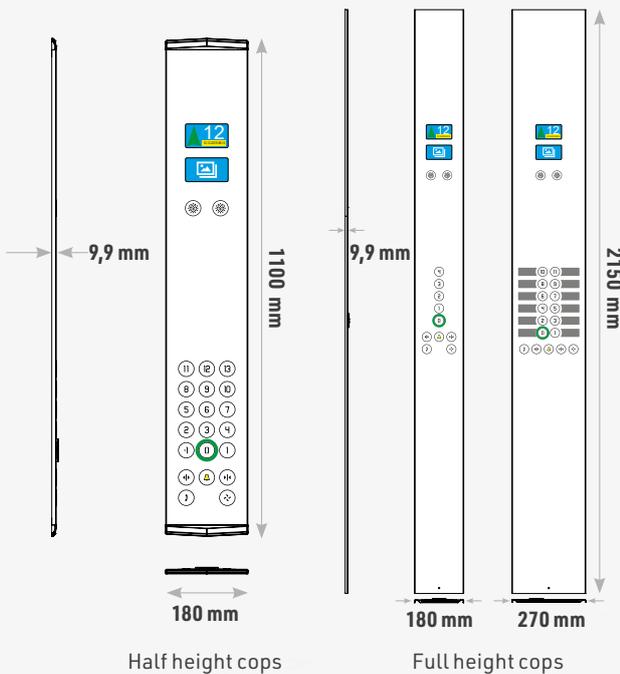
Description

AVOX half & full height car operator panels with dual 4.3" full color TFT floor position and information panels for elevator controllers which uses serial (CANBUS) communication. Simple plug and play connection structure needs no time to spend on electrical and mechanical installation. CKS keyboard modules are connected to CT4D. Lower TFT screen can be useful to show extra information respecting current floor position in graphics and text. Customer can change these images with using SDCARD and given PC software.

Features

- 9.9mm surface mounted
- CANBUS, serial prewired type connection
- 2-30 stops (up to 99 stops via F keyboard)
- EN81-70, EN81-28 compliant
- Versatile, cost-effective, flexible design

Dimensions





7315.CT4D



7325.CT4D

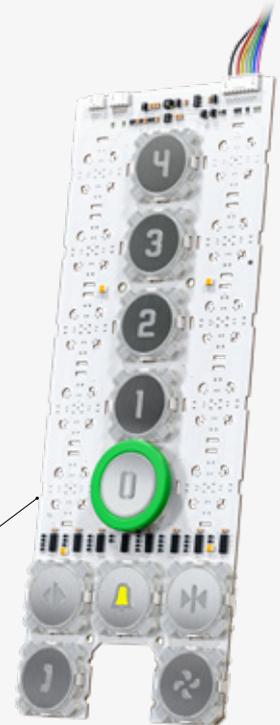


7335.CT4D



E.AVAC.CT4D
Dual 4.3" color TFT
& intercom base

E.AVJS.KS315
serial prewired keyboard



9315.CT4D



9325.CT4D



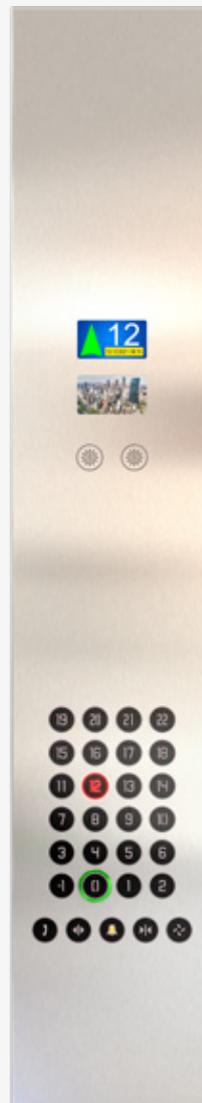
9335.CT4D



952N.CT4D



9546.CT4D



9556.CT4D



Description

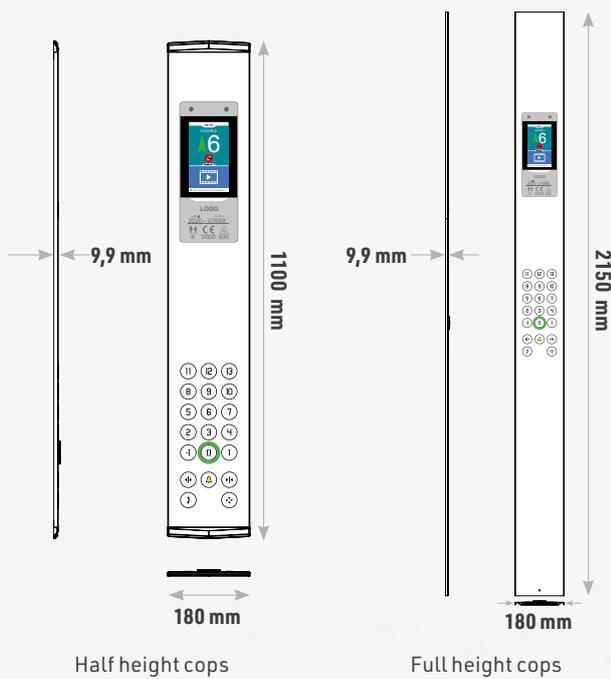
AVOX Car Operator Panels with MEGA7 all in one integrated solution. CANBUS serial type connection is used with 7" color TFT display.

Unique surface mounted design gives flexible and modern look.

Features

- Integrated voice announcer
- Dual speakers + dual microphones
- 9.9mm surface mounted
- CANBUS serial type connection
- EN81-70, EN81-28, EN81-20 compliant
- Custom ID plate with laser marking
- Decorative surface finishes available

Dimensions





7315.M7VT



7325.M7VT



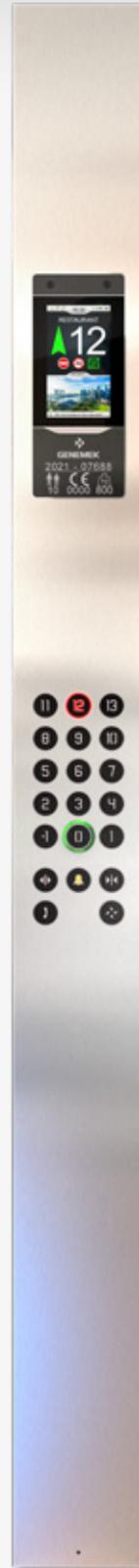
7335.M7VT



9315.M7VT



9325.M7VT



9335.M7VT

AVOX
MEGA
7



Description

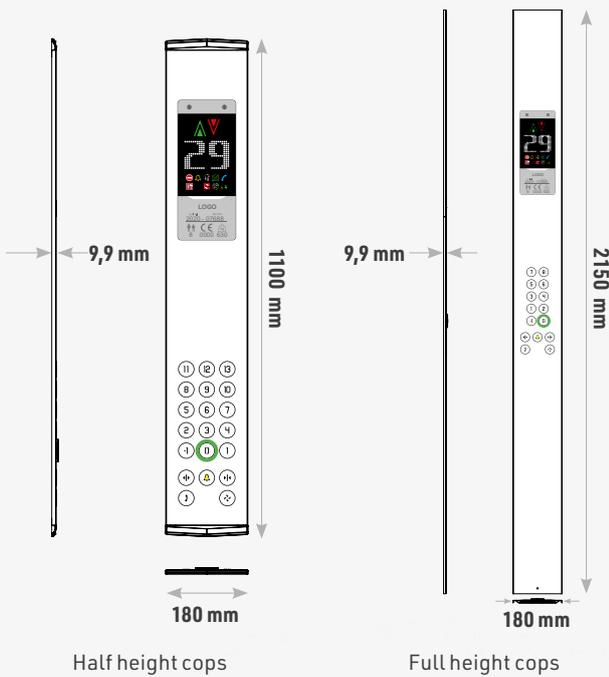
AVOX Car Operator Panels with MEGA7 all in one integrated solution. CANBUS serial type connection is used with LED matrix display.

Unique surface mounted design gives flexible and modern look.

Features

- Integrated voice announcer
- Dual speakers + dual microphones
- 9.9mm surface mounted
- CANBUS serial type connection
- EN81-70, EN81-28, EN81-20 compliant
- 40 mm arrow height
- Custom ID plate with laser marking
- Decorative surface finishes available

Dimensions





7315.M7VD



7325.M7VD



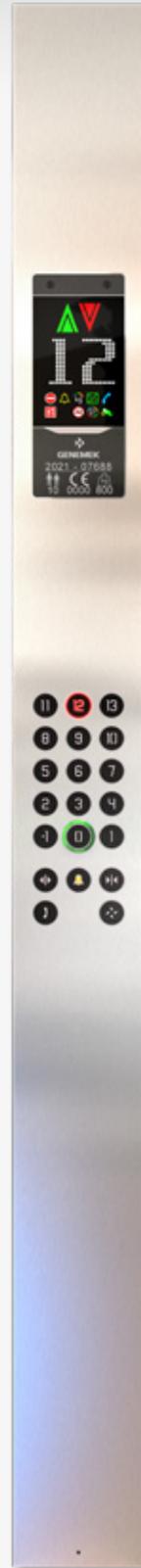
7335.M7VD



9315.M7VD



9325.M7VD



9335.M7VD

AVOX
MEGA
7



Description

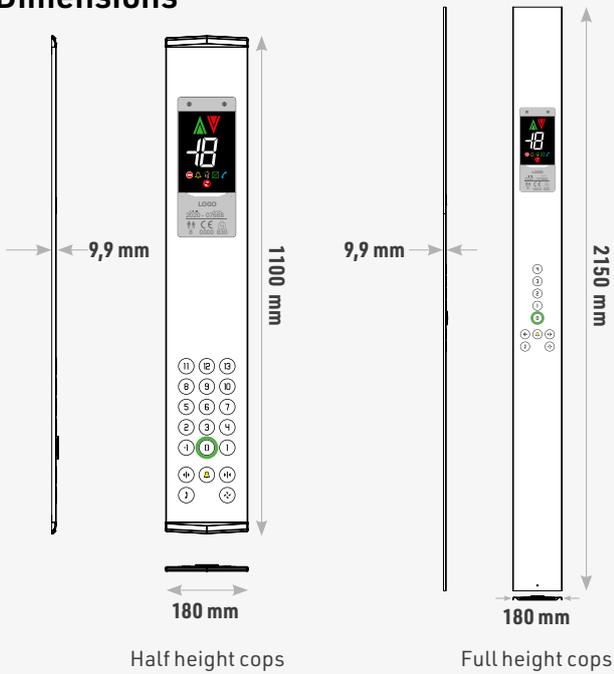
AVOX Car Operator Panels with MEGA7 all in one integrated solution. Entry level economic 7 Segment parallel type connection is used.

Unique surface mounted design gives flexible and modern look.

Features

- Dual speakers + dual microphones
- 9.9mm surface mounted
- Parallel connection
- EN81-70, EN81-28, EN81-20 compliant
- 40 mm arrow height
- Custom ID plate with laser marking
- Decorative surface finishes available

Dimensions





7315.M7VS



7325.M7VS



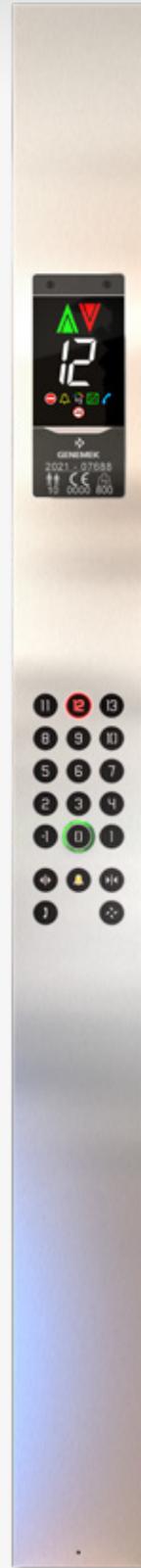
7335.M7VS



9315.M7VS



9325.M7VS



9335.M7VS



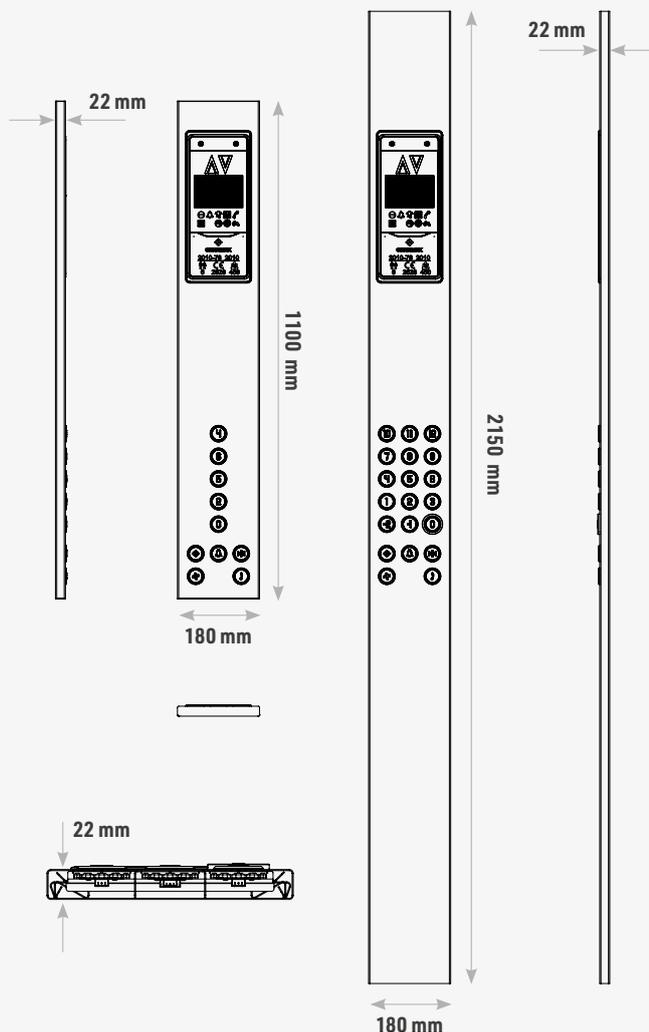
Description

ANTERA – Full and half height surface mounted car operator panels. Color TFT, LED matrix and 7 Segment LED MEGA7 - integrated floor position and status indicator for elevator controllers which uses serial (CANBUS) communication. RADIAN series premium quality push buttons and fixtures are used in ANTERA car operator panels to make more flexible and robust design, so they can be suitable for most elevator applications. XPAND serial to parallel button interface module is used for tidy and clean installation.

Features

- Customizable height as required size
- Suitable for elevators up to 15 stops
- Fast and reliable installation
- Buttons with protruding symbols
- CNC Laser + bending, stainless steel framework
- MEGA7 LED matrix, 7 Segment, TFT color display options
- Fan button with two contacts, timer and blinking lighting
- Decorative surface finishes available

Dimensions



**C.ATAC.
7315.M7VT**



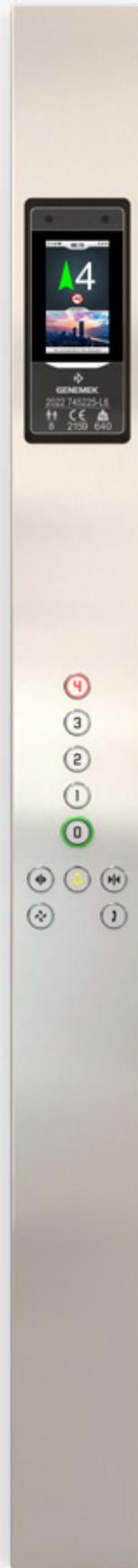
**C.ATAC.
7325.M7VT**



**C.ATAC.
7335.M7VT**



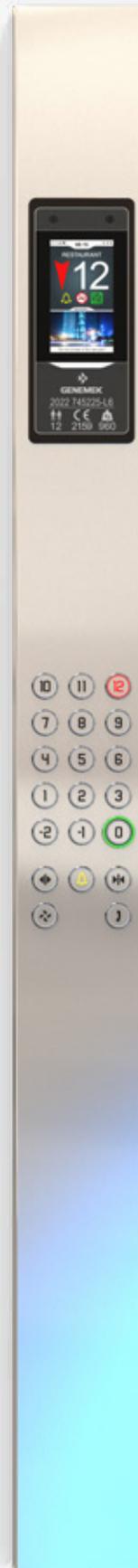
**C.ATAC.
9315.M7VT**



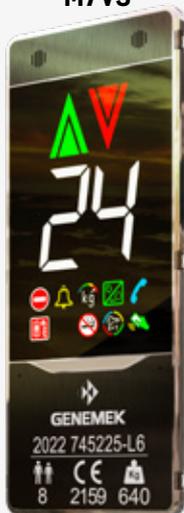
**C.ATAC.
9325.M7VT**



**C.ATAC.
9335.M7VT**



M7VS



M7VD



*Led matrix and 7 segment versions available

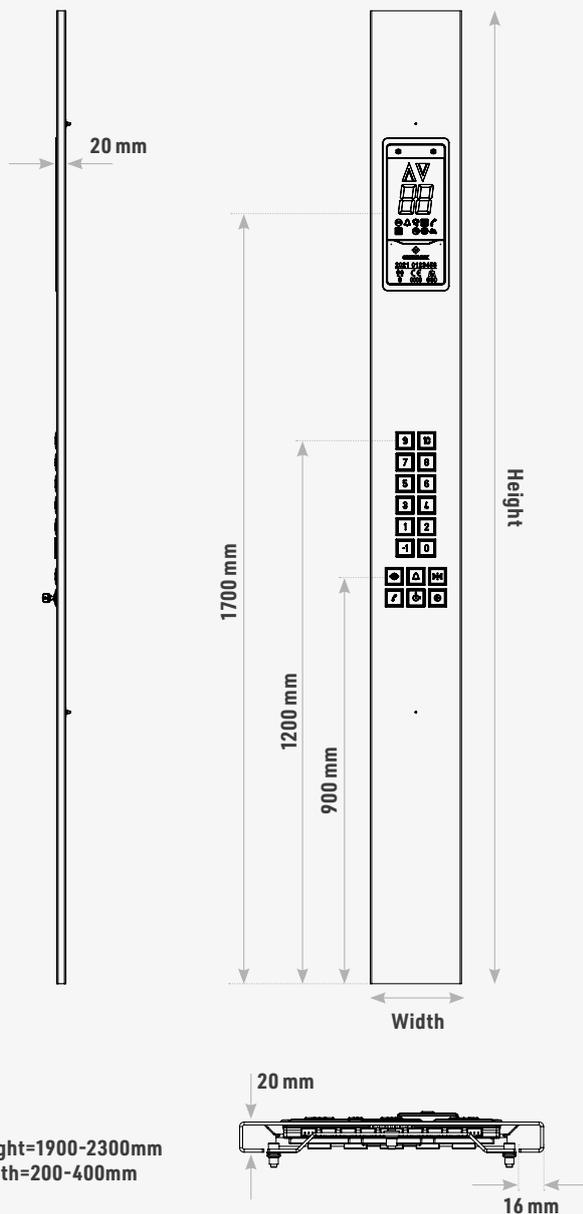
Description

EPAK series are designed to survive for harsh environments for a long term operation and secure installation. Wide variety of position indicators and scalable dimensions will result EPAK series are matching with most of your demands. Strong snap-fit action with stainless steel backbox is a standard feature. Fixing faceplate will no need any screws on mounting.

Features

- CNC laser + CNC bending
- Fast and reliable installation
- Protruding symbols for people with poor eyesight
- 2 to 30 stops
- LCD or MEGA7 display variations
- Decorative surface finishes available

Dimensions



*illustrative images, final product may differ.

C.EPBG.9316.
M7VS.QD



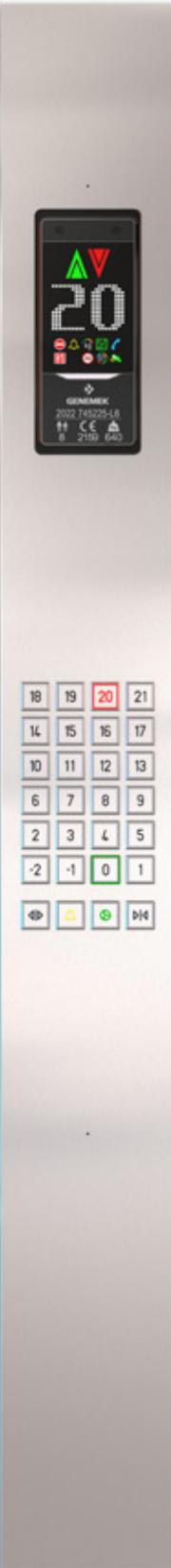
C.EPAC.9326.
M7VT.QD



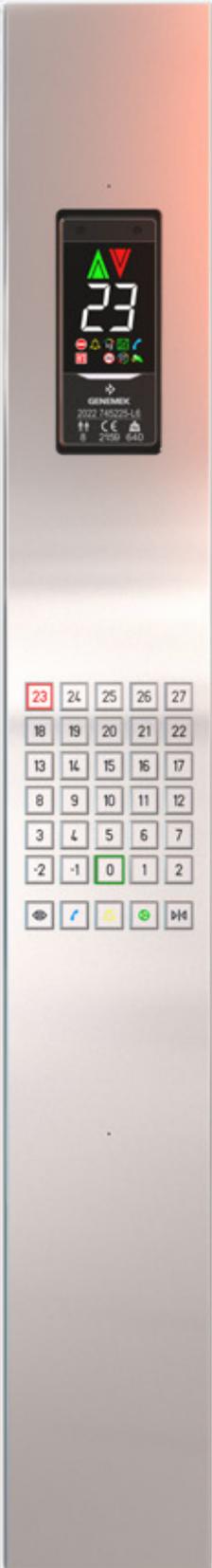
C.EPAC.9336.
M7VT.QD



C.EPAC.9446.
M7VD.QD



C.EPAC.9556.
M7VS.QD



C . EPAC . 9326 . M7VD . QD

C Car Operator Panel

QD QUAD

EP EPAK

CONNECTION TYPE

9 FULL HEIGHT

316	2 TO 6 STOPS
326	7 TO 12 STOPS
336	13 TO 18 STOPS
446	19 TO 24 STOPS
556	25 TO 30 STOPS

M7VS	MEGA-7, LED 7-SEGMENT
M7VD	MEGA-7, LED 24x16 DOTMARIX
M7VT	MEGA-7, 7,0" COLOR TFT



MEGA7

M7VS



MEGA7

M7VD



MEGA7

M7VT

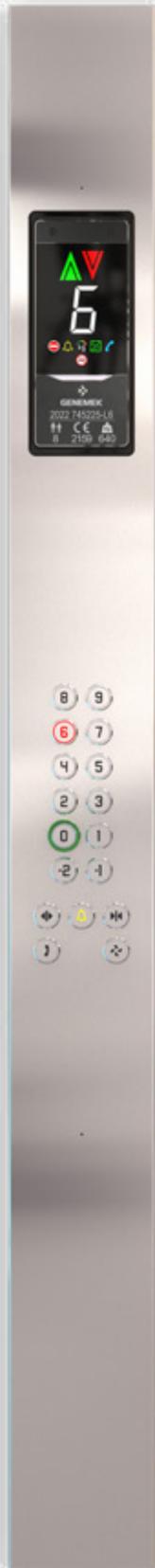


*illustrative images, final product may differ.

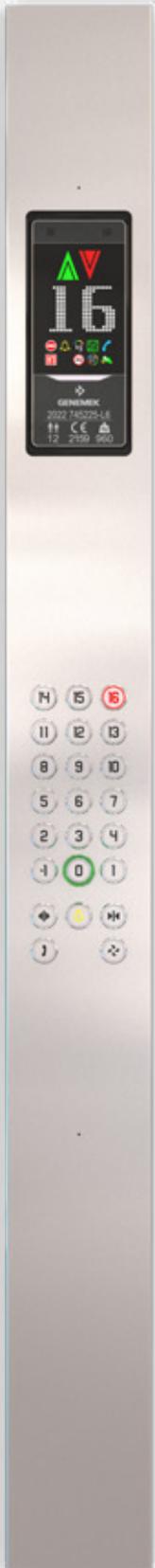
C.EPAC.9316.
M7VD.RD



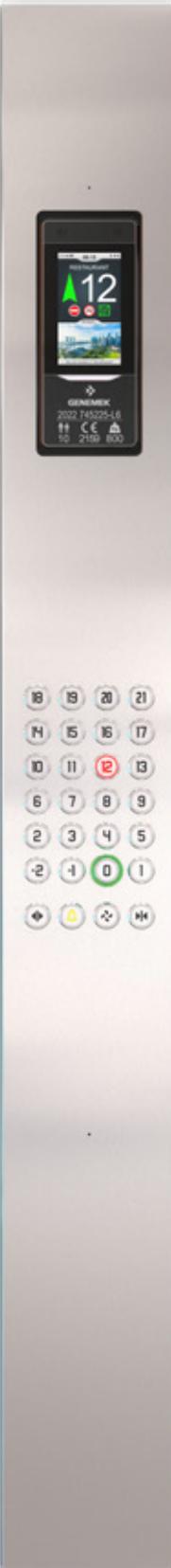
C.EPBG.9326.
M7VS.RD



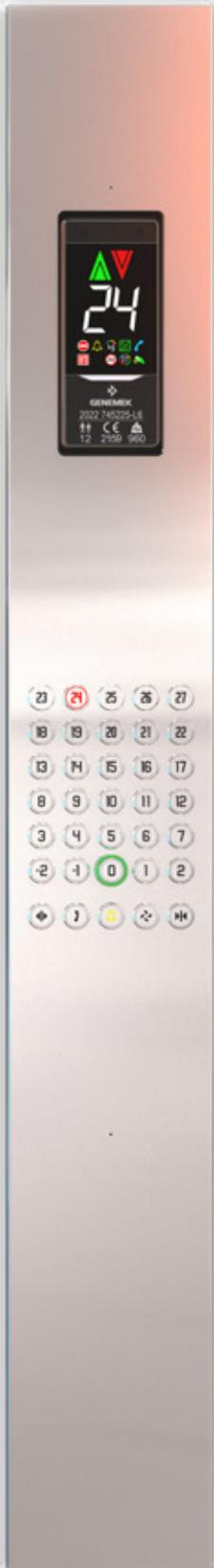
C.EPAC.9336.
M7VD.RD



C.EPAC.9446.
M7VT.RD



C.EPAC.9556.
M7VS.RD



C Car Operator Panel

C . EPBG . 9446 . M7VS . RD

RD RADIAN

EP EPAK

CONNECTION TYPE

9 FULL HEIGHT

316	2 TO 6 STOPS
326	7 TO 12 STOPS
336	13 TO 18 STOPS
446	19 TO 24 STOPS
556	25 TO 30 STOPS

M7VS	MEGA-7, LED 7-SEGMENT
M7VD	MEGA-7, LED 24x16 DOTMATRIX
M7VT	MEGA-7, 7,0" COLOR TFT

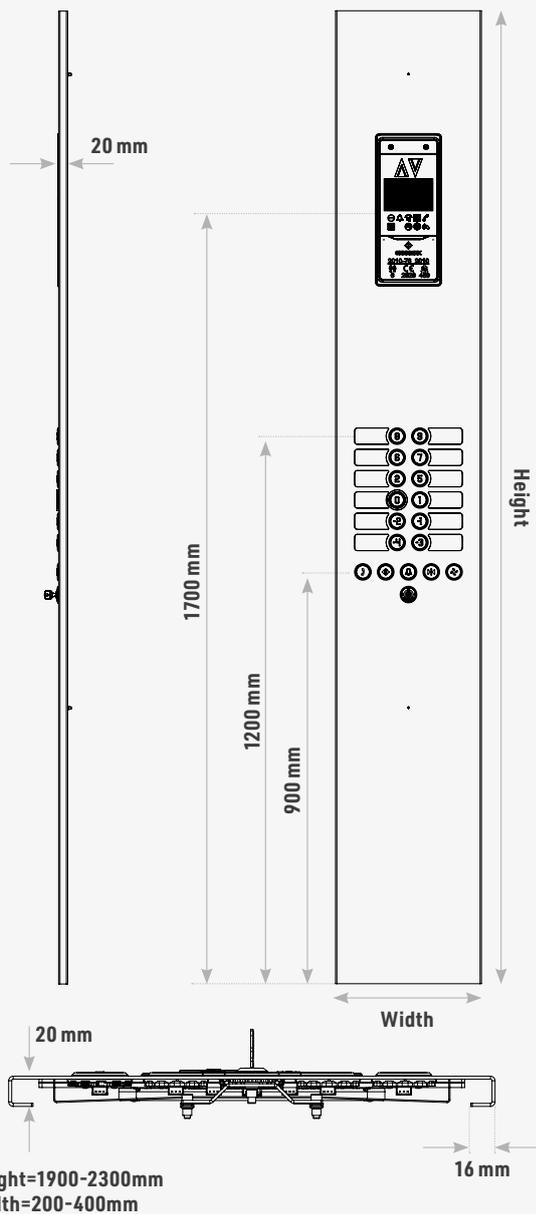
Description

FUSION series are designed for long term operation and secure installation. Wide variety of position indicators and scalable dimensions will result FUSION series are matching with your requirements. Backbox is a standard feature. Snap-fit mechanism to fix faceplate will no need any screws on mounting. Whenever you need extra guidance to give a call for your desired floor, FUSION series will help you with illuminated floor designation windows.

Features

- CNC laser + CNC bending
- Fast and reliable installation
- Protruding symbols for people with poor eyesight
- 2 to 10 stops
- LCD or MEGA7 display variations
- Decorative surface finishes available

Dimensions



C.FSAC.9526N.
M7VS.QD

C.EPAC.9316N.
M7VD.QD

C.EPAC.9526N.
M7VT.RD



QUAD



RADIAN

Description

MONO scalable surface mounted car operator panels. Both horizontal and vertical model dimensions can be customized in width and height. The rounded edge design gives a smooth look to your elevator interior design.

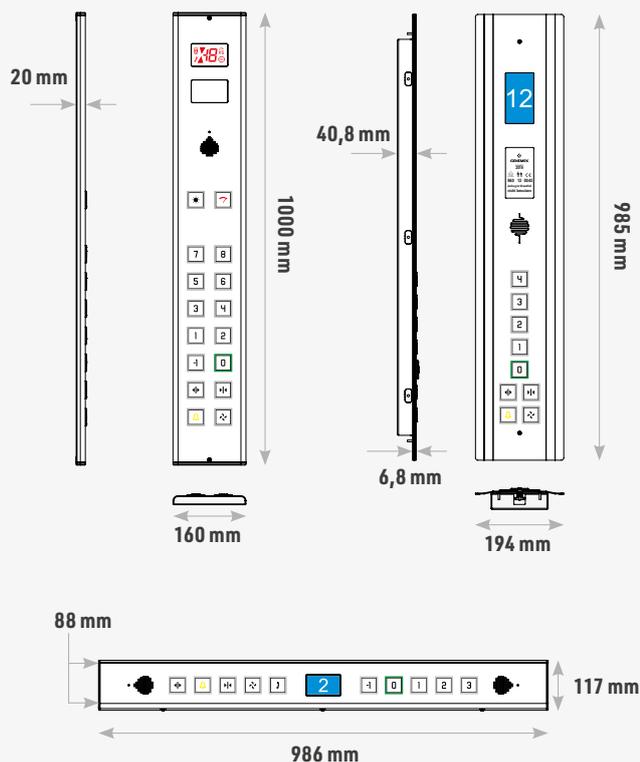
HERA is gull wing flush mounted car operator panel. 2 mm thick front panel is bended on sides to make even thinner look. Also supports the flat front panel. All the electronic components are well organised and safely hidden inside the backbox.

Compatible with parallel type 7 Segment & LED matrix and LCD indicators. QUAD series premium quality push buttons and fixtures are used. User-friendly structure ensures reliable installation for wide range of elevator applications.

Features

- Customizable length x height as required size
- Suitable for elevators up to 15 stops
- Fast and reliable installation
- Buttons with protruding symbols
- CNC Laser + bending, stainless steel framework
- LCD, LED matrix or 7 Segment display options
- Fan button with timer relay
- Decorative surface finishes available

Dimensions



SCALABLE DESIGN
BOTH HORIZONTAL & VERTICAL

*illustrative images, final product may differ.



HR721.DX2



MN722.DSC



HS721.PKD



MN641.USM

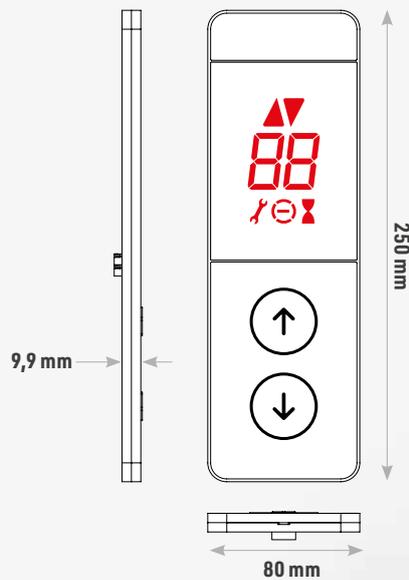
Description

Simplicity integrates with aesthetics, exquisite lines with shining broad areas in RETINA series. The design of RETINA blends seamlessly with current building architectures with its special polymer alloy body and stainless steel contact surfaces. It is the right choice in places where elegance is at the forefront such as villas, offices, shops, hotels. It offers environment friendly usage due to low power consumption. Fully compatible with most common control panels, thanks to its wide range of parallel or prewired connection supported models.

Features

- PCABS polymer alloy body, stainless steel contact surfaces, 9.9mm thinness
- Fully compatible with serial and parallel control panels
- Wide range of prewired connection alternatives
- Compatible with EN81-70:2021 standards

Dimensions





RT4210



RT4270



RT4070



RT1002



RT30W0



RT3070



RT2002



RT1012



RT2012



RT1072



RT2072

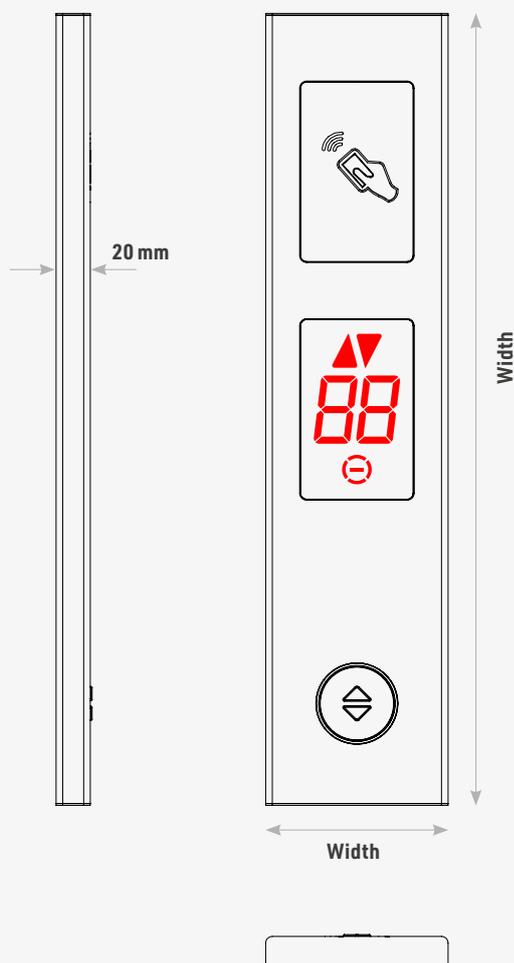
Description

ANTERA – scalable surface mounted landing operator panels. Both horizontal and vertical dimensions can be customized in width and height. Wide range of buttons, indicators and accessories can be configured. Compatible with 7 Segment & LED matrix, TFT color and LCD indicators for Parallel type and CANBUS type elevator control panels. RADIANT series premium quality push buttons and fixtures are used in ANTERA landing operator panels to make more flexible and robust design, so they can be suitable for most elevator applications.

Features

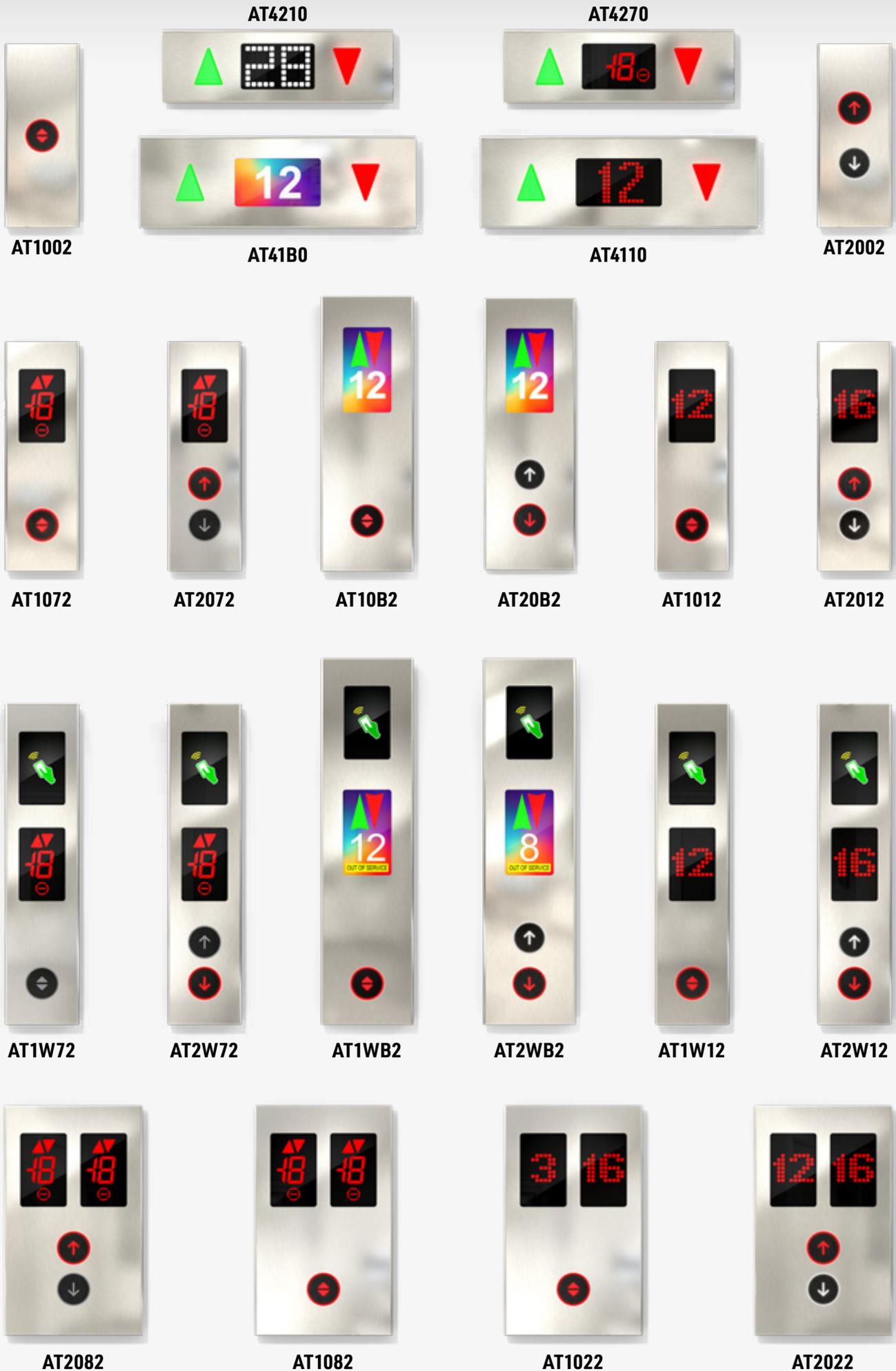
- Scalable in height and width. Allows combining several fixtures within the same body
- Premium quality RADIANT, AVOX and QUAD buttons
- Protruding symbols for people with poor eyesight
- TFT, LCD, 7 Segment or LED matrix indicator options
- Decorative surface finishes available

Dimensions



Height=200-400mm
Width=80-150mm





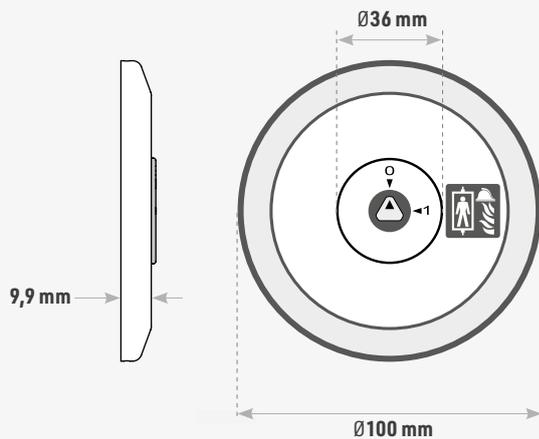
Description

UFO unites its stainless steel body and the unique simplicity of the roundness with dazzling accessories. This design offers a functional and aesthetic solution that is in harmony with the architecture of your building. Under favour of wide range of accessories, it can be used as an indicator or a contact switch when necessary. UFO landing operator panels which has total of 9.9mm thinness are mounted on the surface. A triangle keyswitch option is available for use as a pit reset switch.

Features

- Stainless steel body, 100mm diameter, 9.9mm thinness
- It can be used as an indicator, button, emergency light unit, direction arrow or any button
- Compatible with parallel control systems
- The front cover is mounted with the snap fit method without the fastener being visible

Dimensions





L.UFJS3.ARG



L.UFNS.4070.R



L.UFJS3.ARR



L.UFNS.4070.W



L.UFNS4.1002:UD



L.UFNS4.1002:UP



L.UFNS4.1002:DW



L.UFJS3.140T



L.UFNS.100E



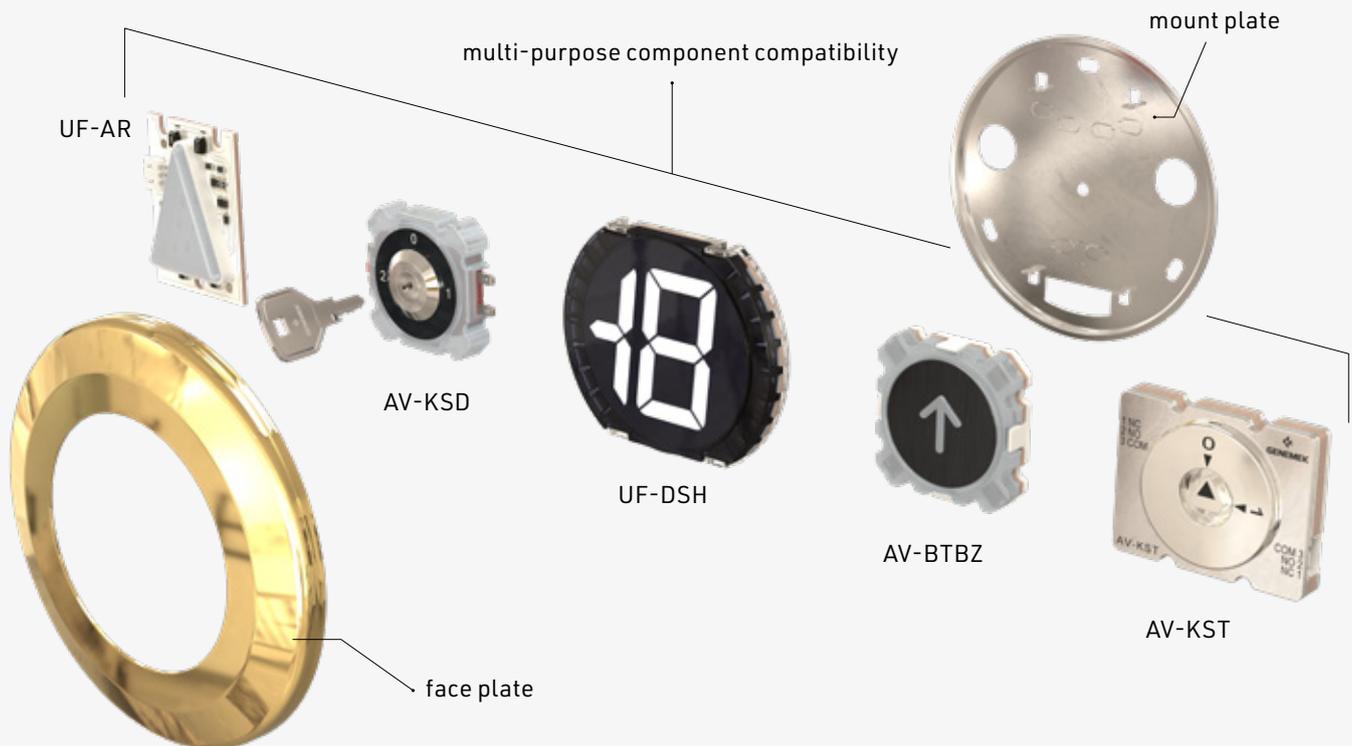
L.UFJS4.140W.3P



L.UFNW2.140W.2P



L.UFJS3.140R



Description

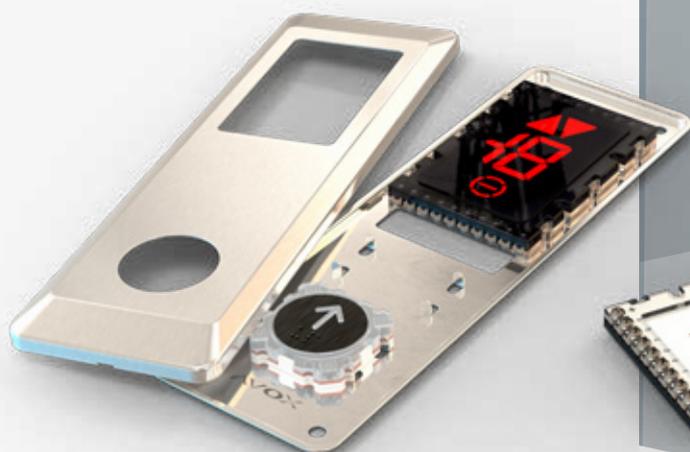
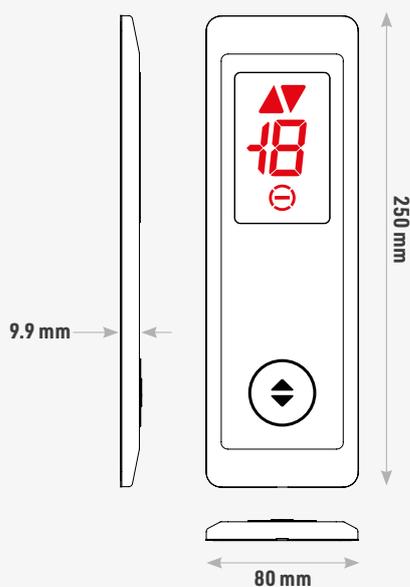
AVOX is ultra thin surface mounted landing operator panel series which is most popular and well-known in our product range. No visible bolts or screws due to smart snap fit design in the front panel. LED indicators and AVOX buttons are used in 9.9 mm slimcase which has tapered down to sides to even make a thinner look.

AVOX parallel type LOPs are the entry-level and most cost-effective solution for elevator systems. Different combinations of 7 Segment indicators and avox buttons with additional feature components available. Silver brushed stainless steel is the default material for front panel but different color finishes available.

Features

- Surface mounted, no screws for cover installation
- 9.9 mm ultra thin slim casing
- EN81-70 and EN81-28 compliant
- Decorative surface finishes available
- Parallel type connection

Dimensions



Inside view

*illustrative images, final product may differ.



AV1002



AV2002



AV3070



AV4070



AV1072



AV2072



AV1082



AV2082



AV3090



AV1092



AV0600



AV1402-EMS



AV1672

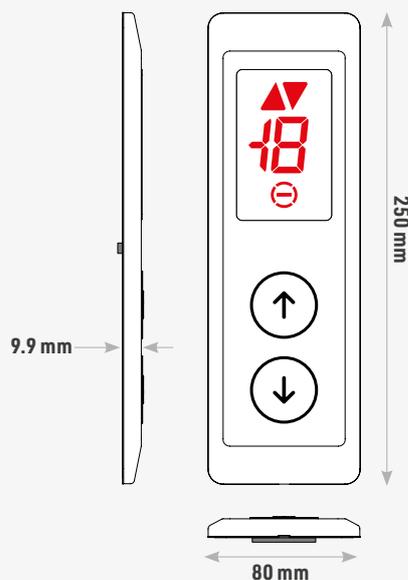
Description

AVOX parallel prewired landing operator panels are developed for easier and faster installation for the parallel type elevator systems. The 9.9 mm slimcase of the AVOX has a modern thin look which doesn't significantly stand out of the wall surface. But also has lack of space inside for wiring the components & organising the cables manually. Prewired models have all electronic parts on one board that all the required data and power inputs carry into a IDC socket. And it is connected to AV-TSV board in the shaft via IDC cable. Then connected to control panel with provided cables. Parallel prewired system offers time saving & cost effective professional looking shaft cabling and prevents from the connection mistakes.

Features

- Surface mounted, no screws for cover installation
- 9.9 mm ultra thin slim casing
- EN81-70 and EN81-28 compliant
- Decorative surface finishes available
- Parallel prewired type connection

Dimensions



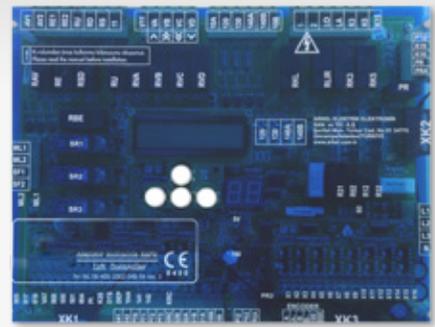


PW1072



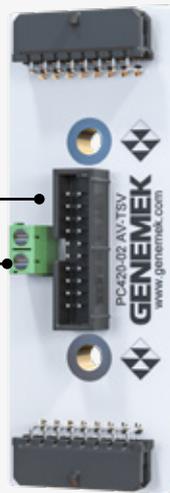
PW2072

IDC CABLE
W.PW.LTS.07



Control panel

W.PW.LTC.10



E.AVPW.TSV

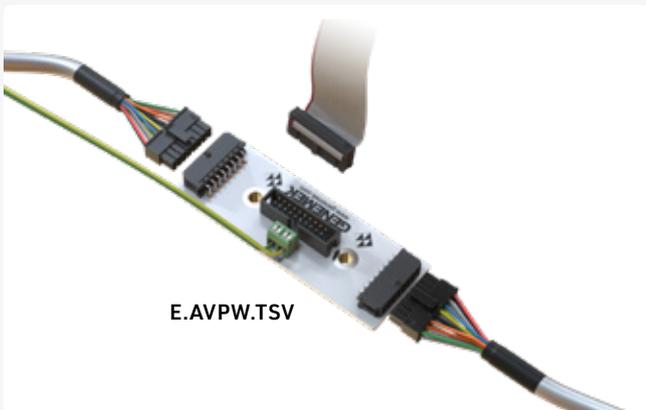
Separate call
signalling

W.PW.LTL.5

E.AVPW.TSV



IDC cable connection



E.AVPW.TSV



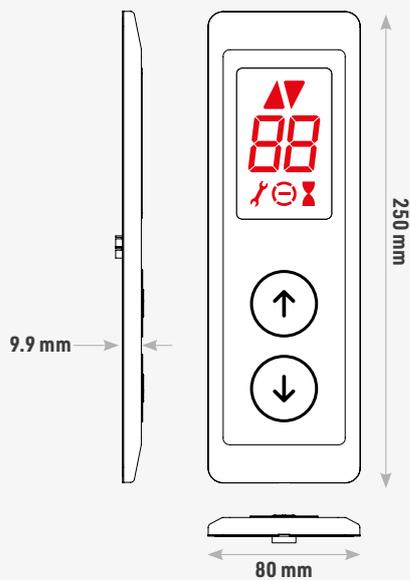
Description

AVOX serial CANBUS prewired landing operator panels are developed for fast and easy installation. Supports plug & play type connection with wide range of well-known elevator controllers via CANBUS. Thus eliminates the wiring labor in a 9.9 mm slimcase. Serial AVOX LOPs have variable indicators such as 7 Segment & LED matrix and color TFT.

Features

- Surface mounted, no screws for cover installation
- 9.9 mm ultra thin slim casing
- EN81-70 and EN81-28 compliant
- Decorative finishes available
- CANBUS serial prewired type connection

Dimensions



Inside view



41B0



4110



10B2



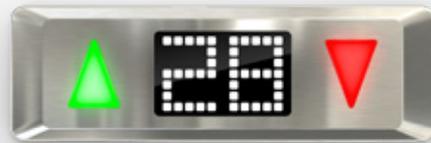
20B2



1002



2002



4210



1072



2072



1022



1012



2012



2022

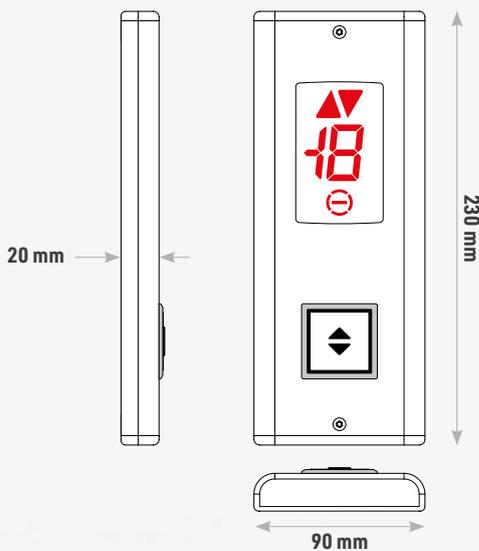
Description

MONO - scalable surface mounted landing operator panels. Both horizontal and vertical dimensions can be customized in width and height. The rounded edge design gives a smooth look to your elevator hall design. Compatible with parallel type 7 Segment & LED matrix and LCD indicators. QUAD series premium quality push buttons and fixtures are used in MONO landing operator panels to make more flexible and robust design, so they can be suitable for most elevator applications.

Features

- Scalable in height and width. Allows combining several fixtures within the same body
- Premium quality QUAD buttons
- Protruding symbols for people with poor eyesight
- LCD, 7 Segment or LED matrix indicator options
- Decorative surface finishes available

Dimensions



Display variations



7-Segment
(parallel)



LCD Display
(parallel & serial)



LED matrix
(parallel)

*illustrative images, final product may differ.



MN4030



MN4010



MN1001



MN2001



MN4070



MN3070



MN1071



MN1081



MN2071



MN2081



MN3030



MN1031



MN1041



MN2031



MN2041



MN3010



MN1011



MN1021



MN2011



MN2021

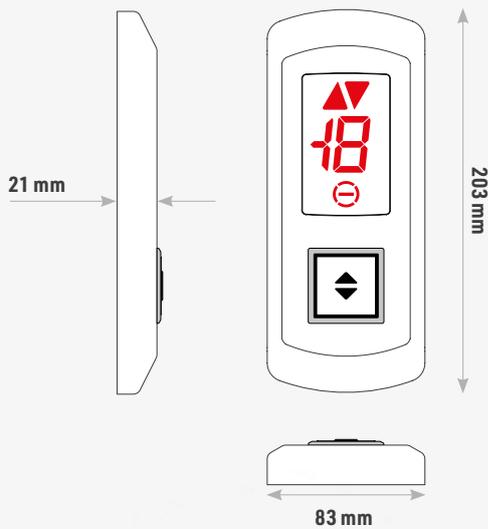
Description

RACE - competitive surface mounted landing operator panels. Strong frame, beveled corners and no visible screws are notable in design. Compatible with LCD, 7 Segment & LED matrix indicators and premium quality QUAD buttons are used in RACE landing operator panels.

Features

- Surface mounted, no screws for frame fixing
- Premium quality QUAD buttons
- Protruding symbols for people with poor eyesight
- LCD, 7 Segment or LED matrix indicator options
- Decorative surface finishes available

Dimensions



Display variations



7-Segment
(parallel)



LCD Display
(parallel & serial)



LED matrix
(parallel)

*illustrative images, final product may differ.



RC4030



RC4070



RC4010



RC1001



RC3070



RC3030



RC3010



RC2001



RC1071



RC1031



RC1011

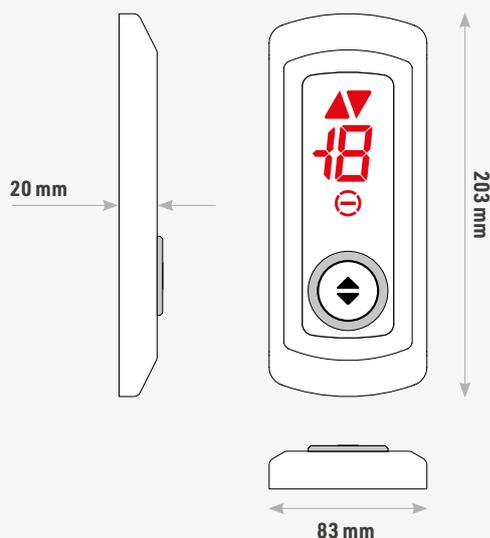
Description

ARENA - premium surface mounted landing operator panels. Strong frame, glass medium section that adds modern contrast to steel frame, beveled corners and no visible screws are outstanding in design. Compatible with LCD, 7 Segment & LED matrix indicators and R36 round buttons are used in ARENA landing operator panels.

Features

- Surface mounted, no screws for frame fixing
- Chemical and scratch resistant PMMA display glass
- LCD, 7 Segment or LED matrix indicator options
- Decorative surface finishes available

Dimensions



Display variations



7-Segment
(parallel)



LCD Display
(parallel & serial)



LED matrix
(parallel)



AR4030



AR4070



AR4010



AR1006



AR3070



AR3030



AR3010



AR2006



AR1076



AR1036



AR1016

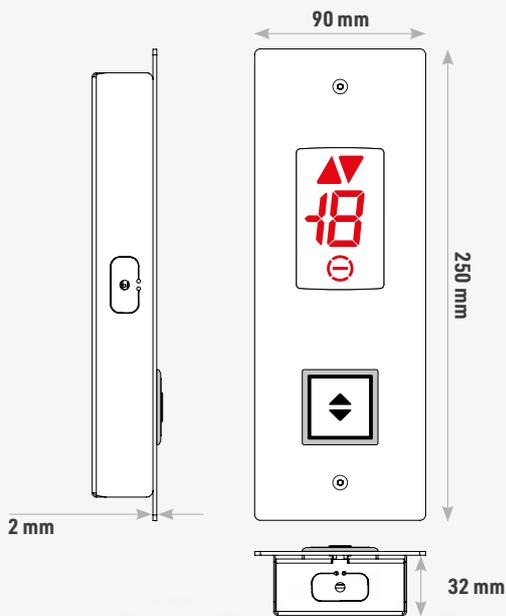
Description

EC - scalable flush mounted landing operator panels. 2 mm thick flat front panel make it look thin on the wall. All the electronic components are well organised and safely hidden inside the backbox. Compatible with 7 Segment & LED matrix and LCD indicators. QUAD series premium quality push buttons are used. User-friendly structure ensures reliable installation for wide range of elevator applications.

Features

- 2 mm thick stainless steel plate
- Premium quality QUAD buttons
- Buttons with protruding symbols
- LCD, 7 Segment or LED matrix indicator options
- Decorative surface finishes available
- Scalable on special request

Dimensions



Display variations



7-Segment
(parallel)

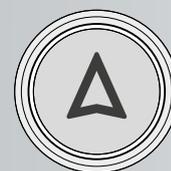


LCD Display
(parallel & serial)

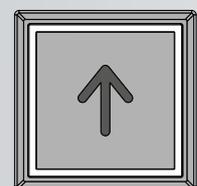


LED matrix
(parallel)

Button variations



RADIAN



QUAD



EC4030



EC4010



EC1001



EC2001



EC4070



EC3070



EC1071



EC1081



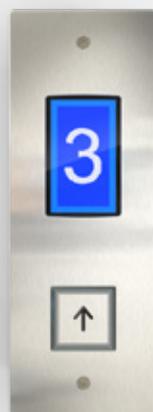
EC2071



EC2081



EC3030



EC1031



EC1041



EC2031



EC2041



EC3010



EC1011



EC1011



EC2011



EC2011

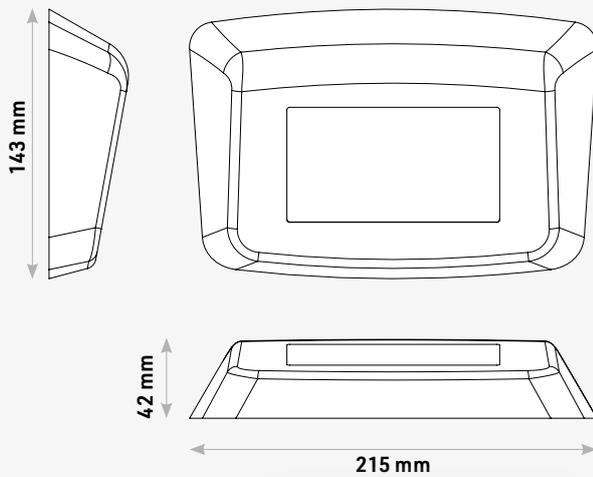
Description

RAM series are made of single piece of stainless steel material with using state of art deep drawing technique. No welding is used to create bold, seamless unique 3D shape. There is no visible fastening component and slide to lock mechanism shows the rule, "no compromise on style". With using programmable graphics LCD indicators, almost every possible combination can be realised.

Features

- Surface mounted, no screws for cover installation
- Single piece cover made of thick stainless steel plate
- Big LCD screen 114x64 mm, programmable frames
- Decorative surface finishes available
- Gray, binary, 7 segment, CMC3, CMC4, counter, D01.

Dimensions



Programmable Graphic LCD





Silver brushed



Silver mirror



Gold brushed



Gold mirror



Bronze brushed



Bronze mirror



Champagne brushed



Champagne mirror



Black brushed



Black mirror

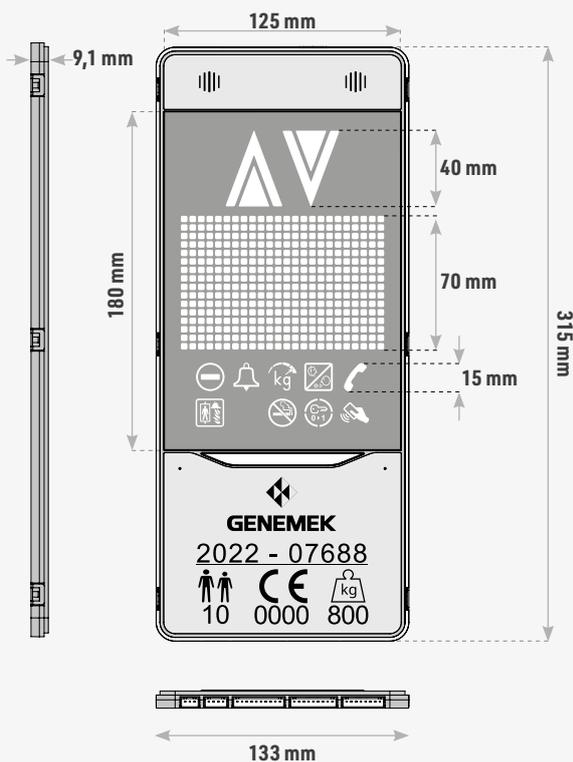
Description

MEGA7V series offers the necessary elements in Car Operator Panels in a single component. LED segment, LED matrix and TFT color display options available. Additionally it delivers EN81 standard features such as two-way communication system(intercom), voice announcer, illuminated direction arrows to the user in an elegant and harmonious manner. This uncompromisable thin design works in harmony with serial and parallel elevator control panels. Easy installation with plug-in jack connection cables. MEGA7V TFT model with Linux-based operating system has high quality video playback feature.

Features

- Stainless steel elevator ID plate and scratch resistant glass on hard chrome plated polymer body
- LED illuminated color symbols and directional arrows (M7VD,M7VS), color symbols and video playback(M7VT)
- Compatible with Binary/Gray or CANBUS control panels
- Emergency phone, intercom, emergency light unit, voice announcer in different languages, LASER printed elevator ID plate

Dimensions



*illustrative images, final product may differ.

M7VS
7 Segment LED
indicator



M7VD
24x16 LED matrix
indicator



M7VT
7" color TFT
indicator



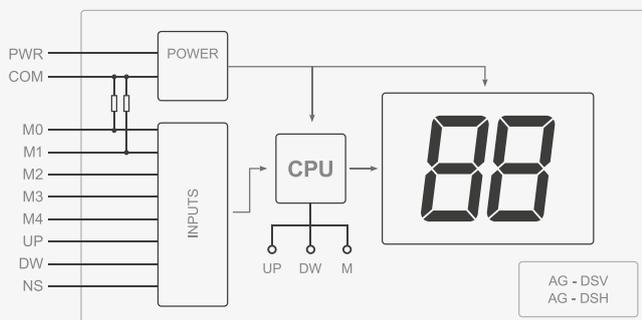
Description

E.AVBG.DSHR / E.AVBG.DSVR modules are microcontroller operated position indicators for elevators. It accepts binary / gray coded decimal numbers and converts to 7 segment mapped position indications. Positive or negative input polarity can be adjusted without in need of dipswitches or jumpers by swapping power inputs. Configuration of inputs and floor designations can be adjusted by on-board buttons. Electrical connection are made by screw/nuts type terminals.

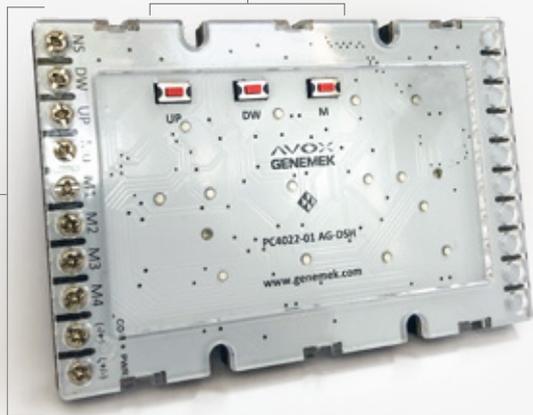
Features

- Two 7 Segment LED indicator
- No service, up and down direction arrows
- Binary / Gray inputs
- Positive or Negative common signalling
- 9-30 VDC operating range
- User programmable floor designations
- Thin profile, suitable for surface mounted
- Various color options for LED's
- Micro-controller operated
- High impact resistive polycarbonate cover glass

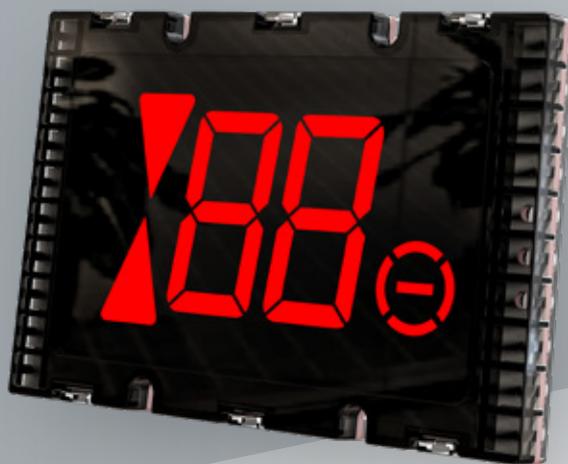
System block diagram



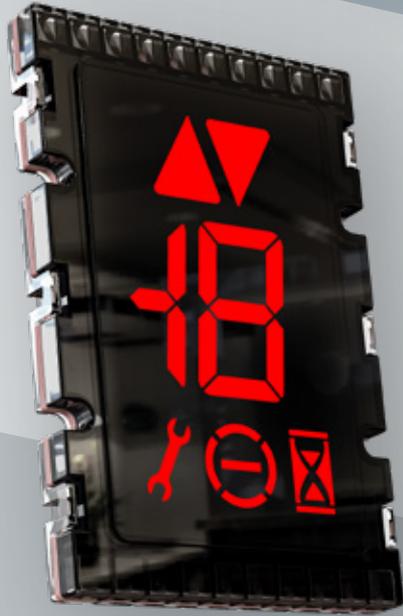
Binary / Gray inputs Programming buttons



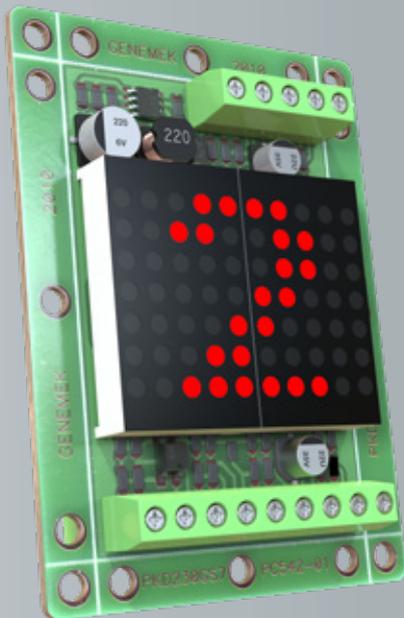
E.AVBG.DSVR



E.AVBG.DSHR



E.AVNS.DSV
7 Segment LED Display



E.PKD.GS7R
Dot LED matrix display



switch mode
power supply



programming software
for LED matrix indicators

Description

Simple and cost effective solution for all parallel type elevator controllers. Direct LED inputs will result to show respecting floor position with using 7 segment mapped digits.

Features

- 9.9mm surface mounted
- Various color options for LED's
- High impact resistive polycarbonate cover glass

7 Segment LED variations



E.AVNS.DSHR
door over indicator



E.AVNS.DSCR
inside car indicator



E.AVNS.DDVR
door side indicator



E.AVNS.DSAR
door side indicator



E.AVNS.DSVR
door side indicator

E.PKD.GS7R

Programmable LED matrix floor position indicators. With using programming kit and software, customers can choose input decoding type, fonts, alignments, scrolling texts or animations on-demand and program the unit in seconds. Efficient power supply design, high quality LED modules and thin profile make PKD series are environmentally friendly and cost effective solution for your needs.

Features

- Up to 32 landings
- Running text LED matrix display
- Coded by programming kit PP200 and personal computer.

Description

Programmable graphic LCD is suitable for any landing or car operator panel. Customizable display makes it the best choice for any elevator.

JUNIOR

- Resolution 128x64 pixel
- Display size 70x40mm,
whole unit size 110x71x28mm
- Operating voltage 12 VDC - 30 VDC
- Linear power supply

ULTRASLIM

- Resolution 128x64 pixel
- Display size 70x40mm,
whole unit size 110x71x14mm
- Operating voltage 12 VDC - 30 VDC
- Overload, busy, door open, fan, no service and additional inputs

DIESEL-2

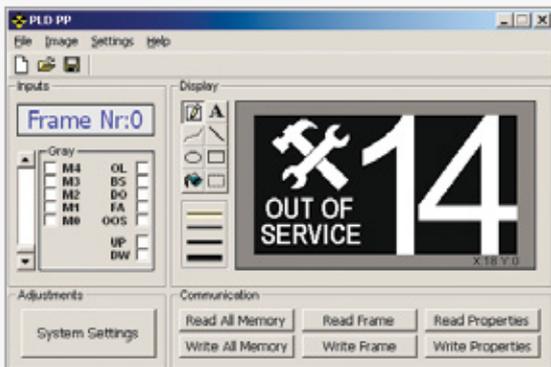
- Display resolution 128x64 pixel
- Display size 114x64mm
- Operating voltage 12 VDC - 30 VDC
- Overload, busy, door open, fan, no service and additional inputs
- Audible overload warning and emergency lighting functions

EXCEL

- Display resolution 240x128 pixel
- Display size 114x64mm
- Operating voltage 12 VDC - 30 VDC
- Linear power supply
- Overload, busy, door open, fan, no service and additional inputs
- 7 segment, Gray, binary, DO1, CMC3, CMC4, counter (pulse direction), MEA NG12-02, Automatic Signalling common polarity detection



Design examples



Programming software

Programming kit PP200 and a personal computer are enough to make your LCD-display show any picture or symbol you want.





ULTRASLIM
E.PLD.USLIM



JUNIOR
E.PLD.JUNIOR



DIESEL-2
E.PLD.DSL2X



EXCEL
E.PLD.EXCEL

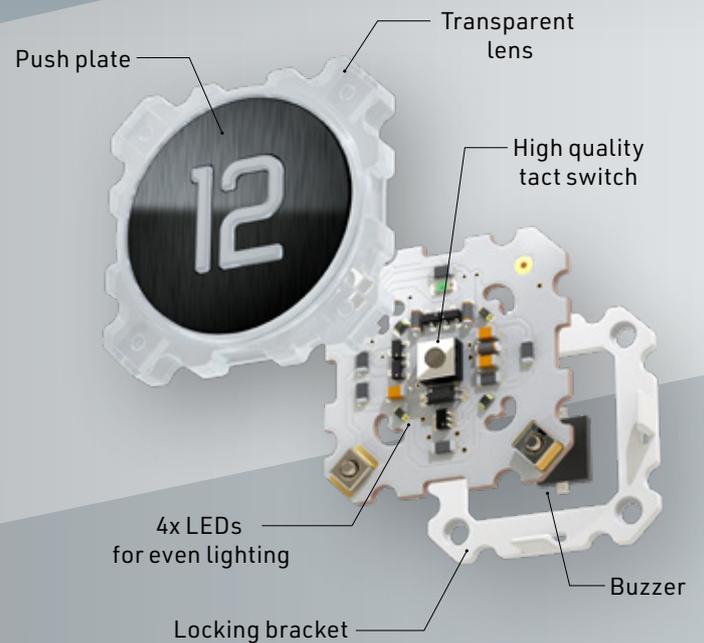
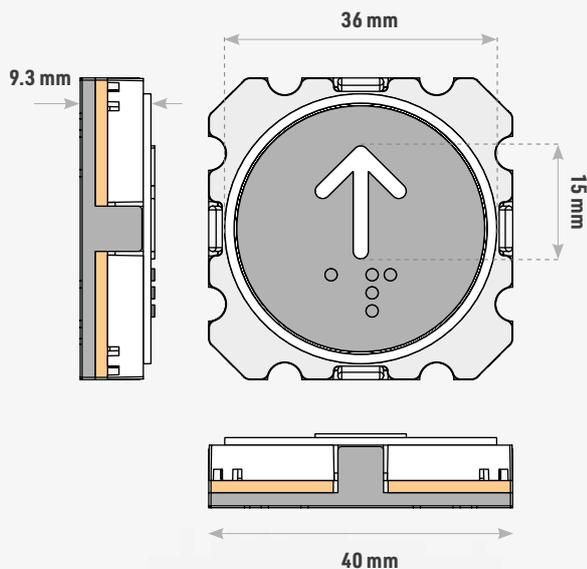
Description

AVOX ultra thin push buttons are designed to work with AVOX COPs & LOPs together seamlessly. 4 LEDs illuminate the transparent button icon and the outer ring evenly. Smart design of the button body doesn't require mechanical spring load and still generates required force for EN81-70 standards. Locking mechanism system doesn't require any screws and can be easily attached or detached. High quality tact switches are used to ensure a long life span of usage. Various numbers, letters and icons are available with different types of buttons.

Features

- Even lighting via 4 LED lights
- Protruding symbols for people with poor eyesight
- Durable silicone plunger of the tact switch.
- Optional braille bumps, buzzer sound

Dimensions





AV-BTR



AV-BBD



AV-BTD



AV-BDC



AV-BFA



AV-BER



AV-BNC



AV-BSP

AVAILABLE FIGURES

	-8	-7	-6	-5	-4	-3	-2	-1	0		⏪	🔔	⏩
1	2	3	4	5	6	7	8	9	10		⌋	💡	🌀
11	12	13	14	15	16	17	18	19	20		↑	⬇️	↓
21	22	23	24	25	26	27	28	29	30		★	-	👤
31	32	33	34			..	⏸	⏹	⏺		DTM	NS	STP
A	B	C	D	E	F	G	H	K	L	M	P	R	S
T	U	Z	PB	PH	PI	P2	LG	B1	B2	B3	B4	UG	GF

AVAILABLE BRAILLE FIGURES

	-8	-7	-6	-5	-4	-3	-2	-1	0		⏪	🔔	⏩
1	2	3	4	5	6	7	8	9	10		⌋		🌀
11	12	13	14	15	16	17	18	19	20		↑	⬇️	↓
21	22	23	24	25	26	27	28	29	30				
A	B	C	D	E	F	G	H	K	L	M	P	R	S
T	U	Z	DG	EG	GF	KE	LG	LT	UG	0A	0B	1A	2A
3A	4A	5A	6A	7A	8A	B1	B2	B3	B4	P1	P2	P3	P4

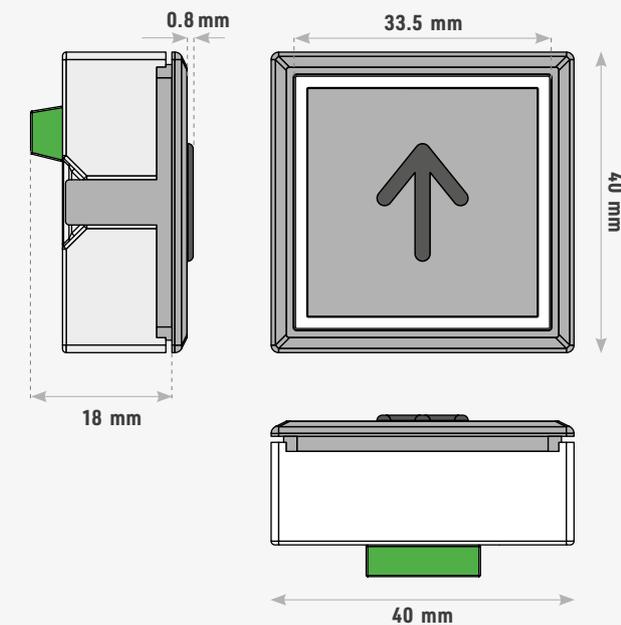
Description

QUAD buttons are square shaped premium quality push buttons to work with various COPs and LOPs together seamlessly. 8 LEDs illuminate the transparent button icon and the outer square frame evenly (if the button has braille bumps they are also illuminated). 4 spring loads on each corner generates required force for EN81-70 standards. Locking mechanism system doesn't require any screws and can be easily attached or detached. High quality tact switches are used to ensure a long life span of usage. Various numbers, letters and icons are available with different types of buttons.

Features

- Even lighting via 8 LED elements
- Protruding symbols for people with poor eyesight
- Mat chrome-plated ABS body
- Durable silicone plunger of the tact switch.
- Optional braille bumps, buzzer sound
- Bridge rectifier circuit (optional)

Dimensions



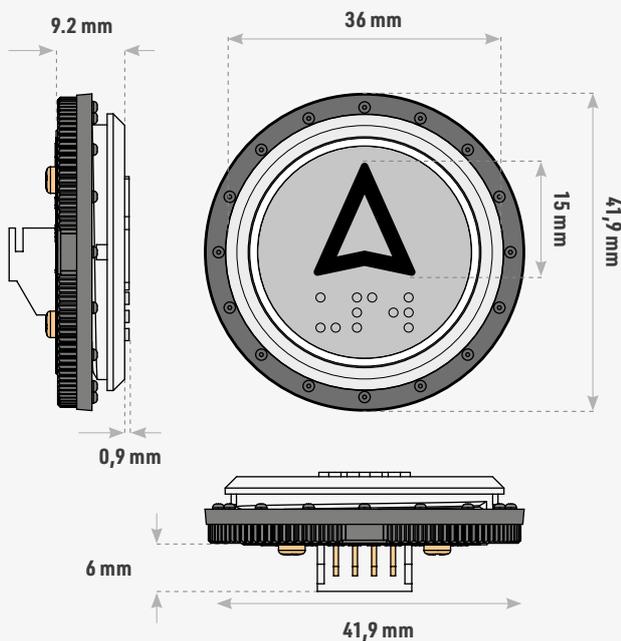
Description

RADIAN – R36 new generation push buttons are designed to work with AVOX and other COPs & LOPs together seamlessly. Chrome plated steel body stands out from the surface significantly. 4 LEDs illuminate the transparent button icon and the outer ring evenly. Any symbol can be printed with LASER marking but the figure is not illuminated. Smart design of the button has silicone mechanical spring load and generates required force for EN81-70 standards. Locking mechanism system doesn't require any screws and can be easily attached or detached. High quality tact switches are used to ensure a long life span of usage. Various braille or standard figures like numbers, letters and function icons are available. Different types of buttons also available for various purposes

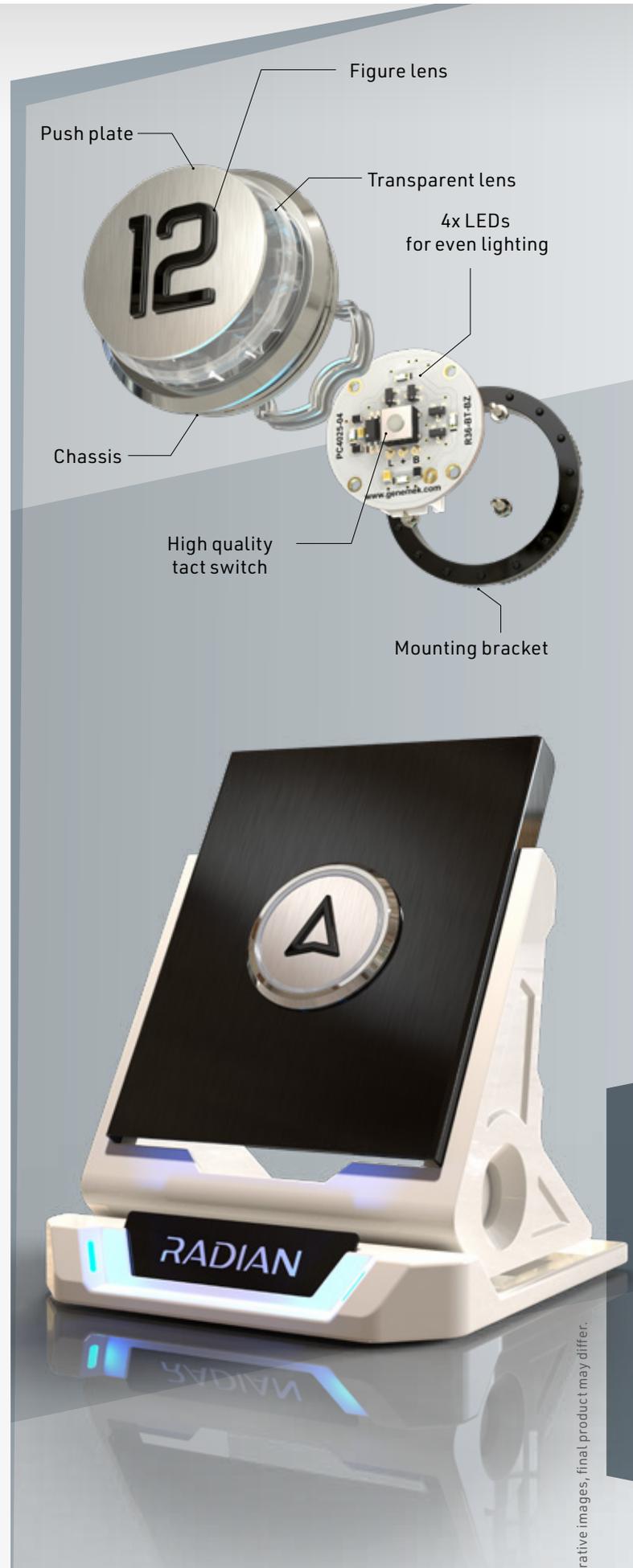
Features

- Even lighting via 4 LED lights
- Protruding symbols for people with poor eyesight
- Durable silicone plunger of the tact switch
- Optional braille bumps, buzzer sound
- Any symbol can be printed with LASER marking
- Decorative surface finishes available

Dimensions



Connector types





R36-BTR



R36-BTR-BR



R36-BTL



R36-BDC



R36-BTD



R36-BER



R36-BFA



R36-KSD

AVAILABLE FIGURES

	-8	-7	-6	-5	-4	-3	-2	-1	0	◀▶	🔔	▶▶				
1	2	3	4	5	6	7	8	9	10	⌋		⌋				
11	12	13	14	15	16	17	18	19	20	△	∇	▽				
21	22	23	24	25	26	27	28	29	30	31	32					
A	B	C	D	E	F	G	K	L	M	P	R	S	T			
U	Z	P1	P2	P3	P4	B1	B2	B3	B4	OTM						

AVAILABLE BRAILLE FIGURES

	-8	-7	-6	-5	-4	-3	-2	-1	0	◀▶	🔔	▶▶				
1	2	3	4	5	6	7	8	9	10	⌋		⌋				
11	12	13	14	15	16	17	18	19	20	△	∇	▽				
21	22	23	24	25	26	27	28	29	30	31	32					
A	B	C	D	E	F	G	K	L	M	P	R	S	T			
U	Z	T1	T2	P1	P2	P3	P4	B1	B2	B3	B4	EG	DG			
GF	KE	LG	UG													

RADIAN indicator variations



R36-IND-UD



R36-IND-UP



R36-IND-DW



R36-IND-SPD-G



R36-IND-SPD-Y



R36-IND-NS



R36-IND-F



R36-IND-SM



R36-IND-NL

RADIAN



R36-IND-OL



AV-EW-NSNC



QD-IND-SPD-Y



QD-IND-SPD-G



MS-2
PARALLEL TO SERIAL CONVERTER

Description

Parallel type controllers are being used more common in worldwide. This restricts the range of modern components to use for repairs & light modernizations significantly. MS-2 is designed & developed to solve this problem by converting elevator's control panel parallel type outputs into serial CANBUS signals. So the whole range of GENEMEK's CANBUS driven products can be used with parallel systems. Also different products can be combined in one elevator. MS-2 benefits the parallel elevator installations with modern CANBUS supported LOPs and COPs and it is a time saving & cost-effective solution for shaft wiring and maintenance.

Features

- DIN rail enclosure
- Up to 16 stops with single button LOP's
- Up to 8 stops with dual button LOP's
- Scalable up to 32 stops (with input board add-ons)



PP300
DEVICE PROGRAMMER

Description

The PP300 is a multifunctional LCD/Dot matrix display product programmer that allows the user to program EXCEL, DIESEL, JUNIOR, ULTRASLIM and PKD either through personal computer with the help of PLDPP/PKD230GS7 software with a high speed or by using in field programming mode thanks to the embedded memory unit, which is practical and time saving since it allows the user to modify the programmable device program when it is installed in an elevator.

Features

- ARM Cortex M3 CPU Core
- Small size makes the device portable
- Fast programming
- 16 MByte USB mass storage device.
- USB communication device as serial port
- USB DFU for device firmware upgrade
- LED and buzzer as device status indicators

XPAND

SERIAL TO PARALLEL BUTTON INTERFACE MODULE



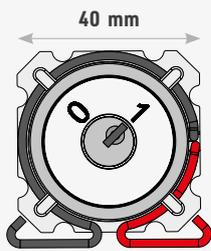
AV-KSW & QD-KSW

Switches between "Circuit Open" and Circuit Closed" positions.

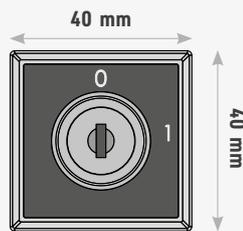
Types

- Pluggable (key released in position 0 and 1)
- Non-pluggable (key released only in position 0)

Dimensions



Compatible with
AVOX COPs & LoPs



Compatible with
EPAK, FUSION, HERA, MONO
COPs & LOPs

AV-KST

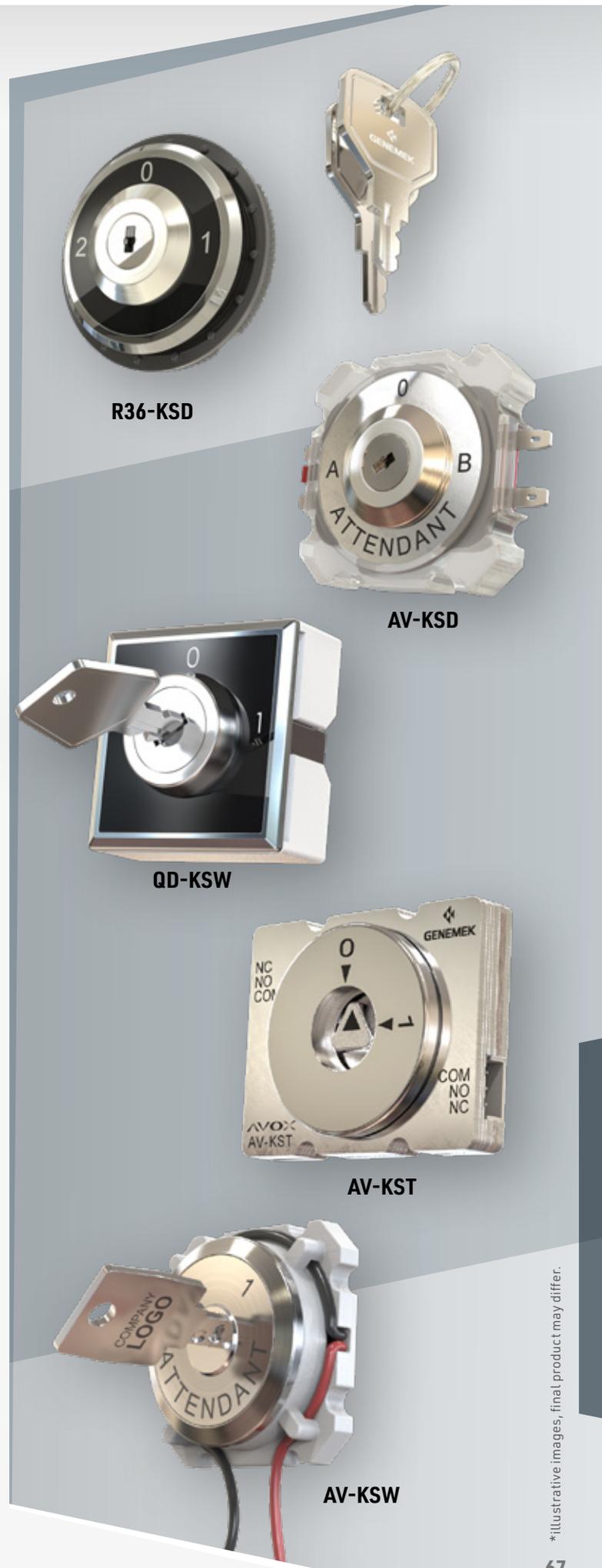
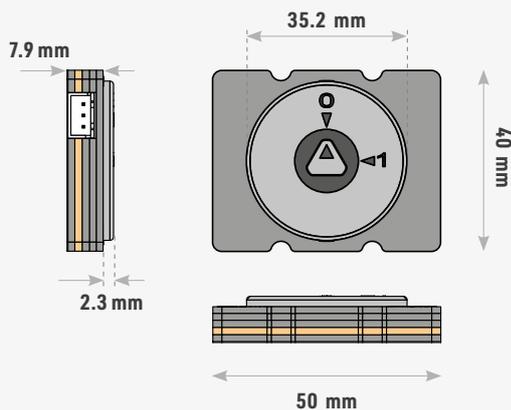
Triangular keyswitch (EN81-72)

- Two independent NO+NC switches
- Ultra thin metal body, placed into 9.9mm COP/LOP series
- Connected with use of plug type cable (two pieces included)

Types

- Pluggable (key released in position 0 and 1)
- Non-pluggable (key released only in position 0)

Dimensions



R36-KSD

AV-KSD

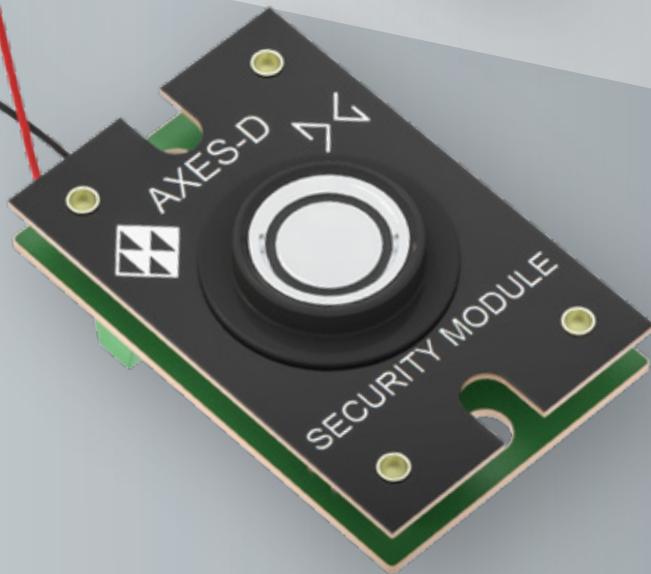
QD-KSW

AV-KST

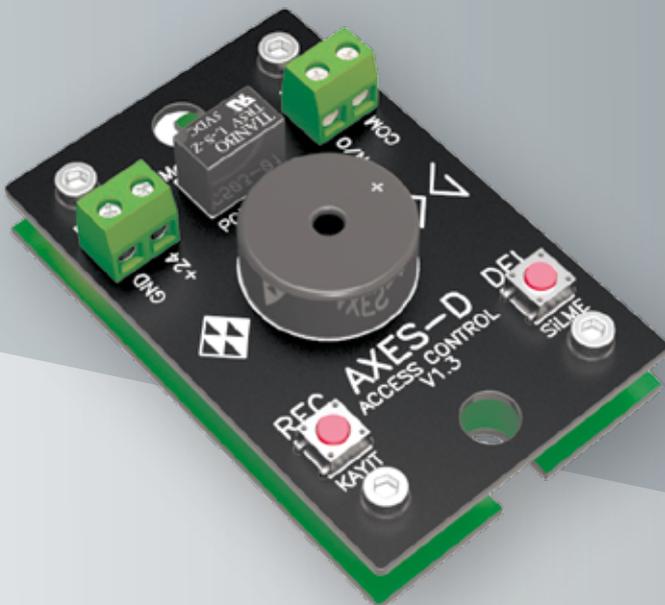
AV-KSW



FOB



AXES-D



Back view

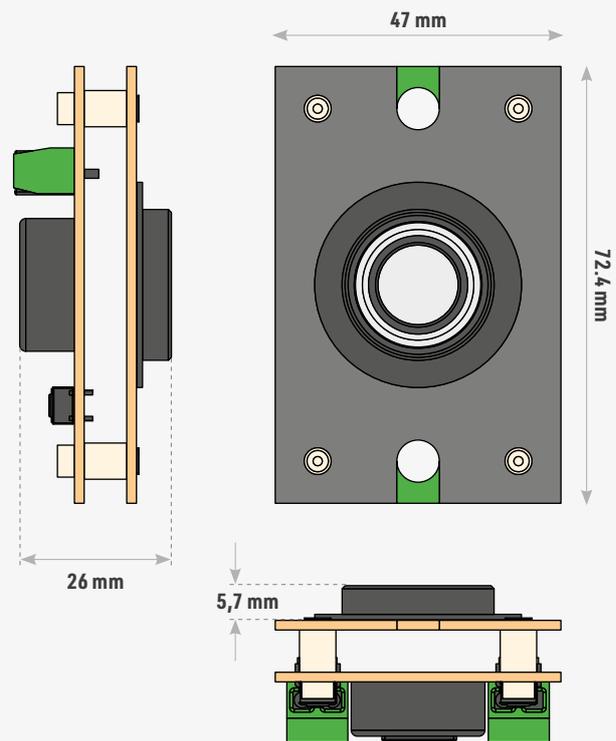
Description

Access restriction unit. When a registered key detected, the unit activates relay for 5 seconds, then returns to stand-by mode

Features

- Simple programming, no special devices needed
- Up to 512 keys memory, non-volatile
- Programmed independently from elevator controller with use of on-board buttons or with use of master-key, which can also be changed.

Dimensions



Description

General use of RFID security control module. Sharelock's design is so compact that can be placed in AVOX car or landing operator panels. RGB LED feature indicates the system status to user.

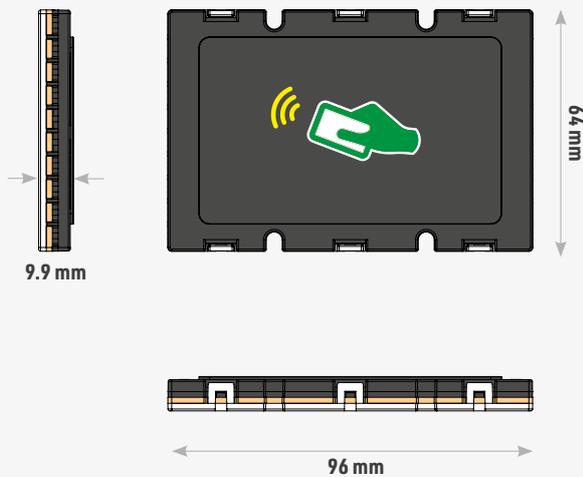
Features

- ISO/IEC 14443 A and ISO/IEC 14443 B
- Up to 220V High voltage relay output, 2pcs
- LED status indicator
- Memory up to 100 RFID cards (cards not included)
- Non volatile memory
- 9.9mm ultra thin design
- Firmware and cards database update via SD card

LED LEGEND

-  Access denied
-  Access granted
-  Standby mode
-  RFID card is being recorded to memory

Dimensions





E.RDJS.EMS



E.AVNS.EMS



E.QDTB.EMS



E.AVNS.EMD



E.AVNS.BLT

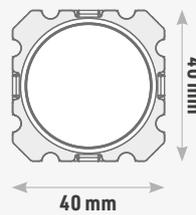
Description

Operation voltage 24 / 12 V. Can be operated by elevator's emergency management system or as an independent set as follows: in normal operation powered by elevator's 24 V mains, when 24 V mains gone uses 12 V battery (external, not included).

Dimensions

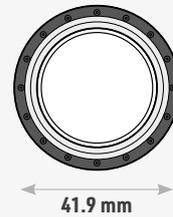
AVNS.EMS

single circular emergency light



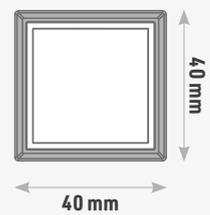
RDJS.EMS

single circular emergency light



QDTB.EMS

single square emergency light



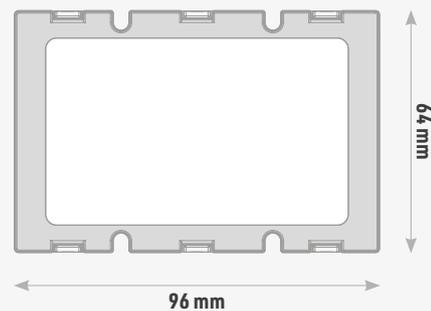
AVNS.EMD

dual circular emergency light



AVNS.BLT

rectangle emergency light



AVNS.SPA (EN81-28)

Back-lighted emergency phone icons.
Used both in parallel type and serial type COPs.
Operation voltage 5-12 V.

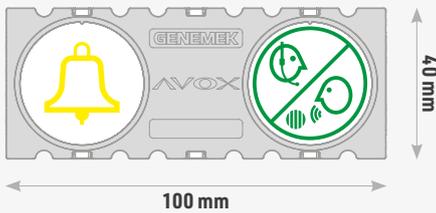
AVNS.SPD

Microphone/speaker unit for autodialers
(EN 81-20). Used both in parallel type and serial type
COPs. Speaker 8 Ω.

Dimensions

AVNS.SPD

illuminated icons

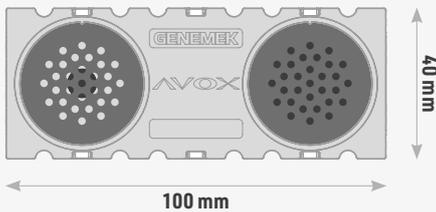


AVNS.SPA

microphone + speaker

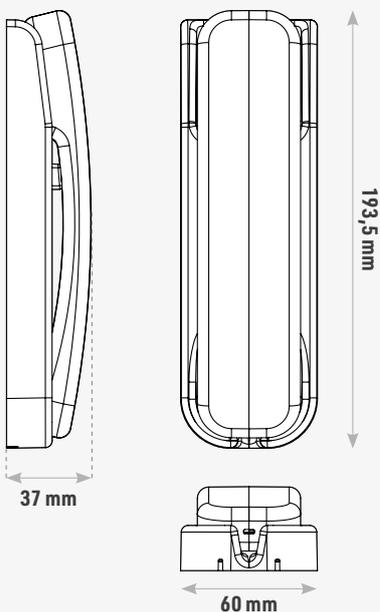
AVNS.INC

intercom base



AVNW.INH

handset for AV-INC



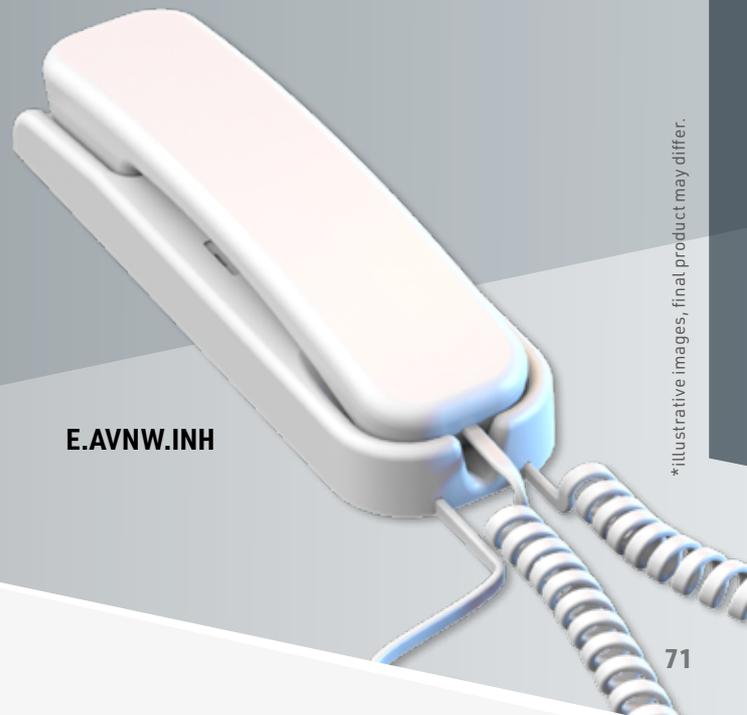
E.AVNS.SPA



E.AVNS.SPD



E.AVNS.INC



E.AVNW.INH

*illustrative images, final product may differ.

MARKING & BRANDING

S.AV.LM.L
Laser marking
on LOP

S.AV.BLF
Inkjet color printing

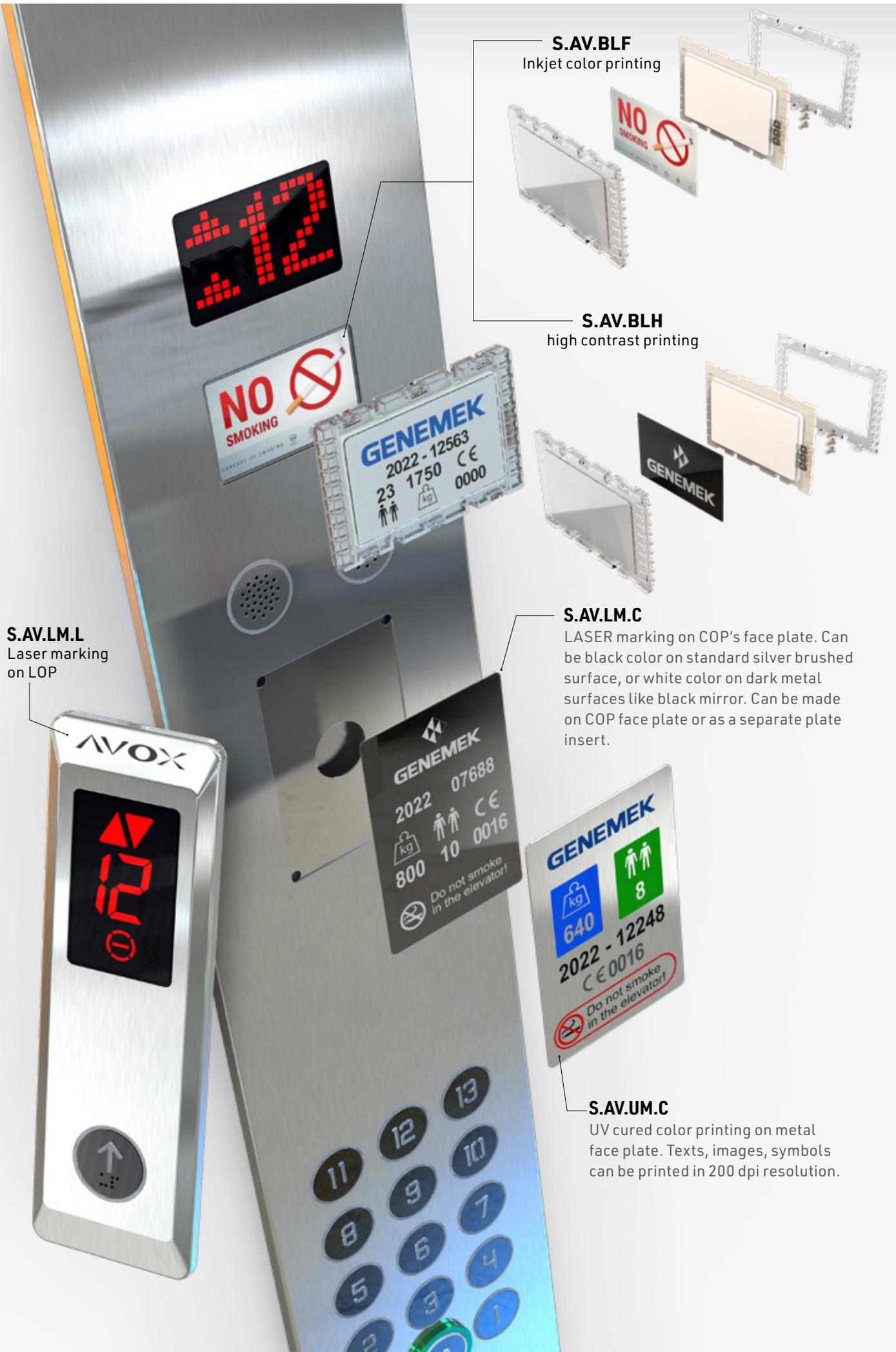
S.AV.BLH
high contrast printing

S.AV.LM.C

LASER marking on COP's face plate. Can be black color on standard silver brushed surface, or white color on dark metal surfaces like black mirror. Can be made on COP face plate or as a separate plate insert.

S.AV.UM.C

UV cured color printing on metal face plate. Texts, images, symbols can be printed in 200 dpi resolution.



DECORATIVE DESIGN

Champagne brushed

Bronze brushed

Gold brushed

Black brushed

Silver brushed
(Standard)

S.AV.DKC
surface finish for COP's

Champagne mirror

Bronze mirror

Silver mirror

Gold mirror

Black mirror

Endcap variations

Silver mirror

Gold mirror

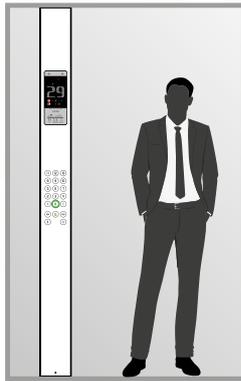
Black mirror

S.AV.DKL
surface finish for LOP's

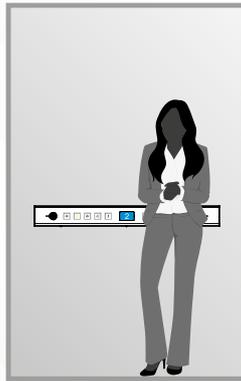
**DKL-DKC surface finishes can be applied to any model*



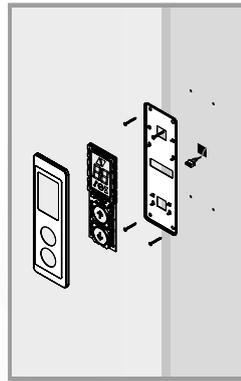
Half height
car operator panels



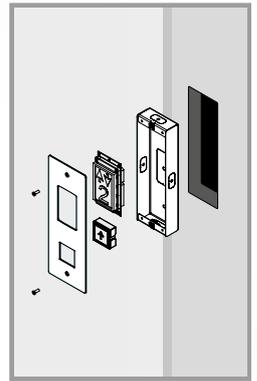
Full height
car operator panels



Horizontal
car operator panels



Surface mounted
landing operator panels



Flush mounted
landing operator panels



Floor position
indicators



Push
buttons



Intercoms



Administration
equipment



Emergency
light units



GENEMEK