# GENEMEK

PRODUCT CATALOGUE

What do we do?

GENEMEK is a combination of three words; **GEN** was the original name for our company in early years. **E** stands for electronics(elektronik) and **MEK** stands for mechanics(mekanik). So **GEN+E+MEK** represents our expertise in manufacturing the products that seamlessly integrate the electronic and mechanic parts. GENEMEK has been using large amount of its resources for Research & Development department to create and design new and innovative products. We have been designing and manufacturing elevator interface components for 25 years. Wide range of ultra thin panels , full height & half height and even horizontal COPs, surface mounted or flush mounted LOPs, scalable panels. Various products that support parallel, parallel - prewired and CANbus communication systems, operating panels and accessories for new installations and elevator modernizations.
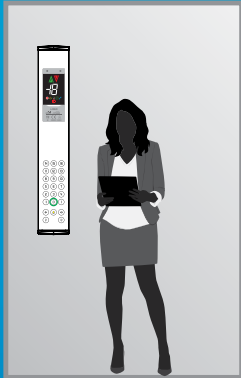
Half height
car operator panels
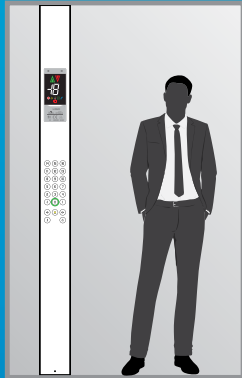
Full height
car operator panels
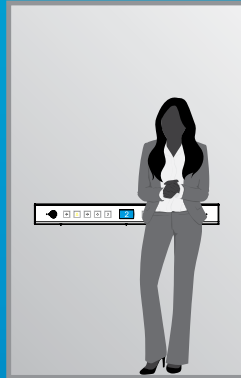
Horizontal
car operator panels
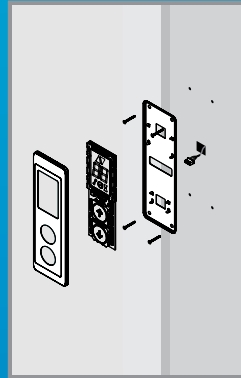
Surface mounted
landing operator panels
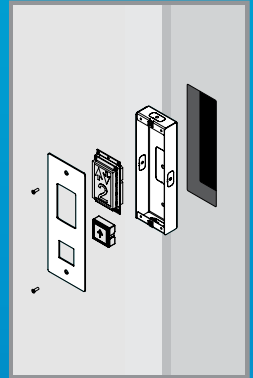
Flush mounted
landing operator panels

Floor position
indicators

Push
buttons

Intercoms

Administration
equipment

Emergency
light units

With 25 years of experience, We design and manufacture electromechanic products in-house.

1999 - Established to design and produce electromechanical parts

2000 - Design of infrared security curtain for automatic doors

2001 - Programmable LED - LCD position indicators

2002 - Security device for elevators

2003 - Programmable door chimes

2004 - Accumulator charging devices, two-wire position indicators

2005 - Prewiring systems for landing and car operator panels

2006 - Surface mount assembly line

2007 - Solution provider for prewired installations

2008 - First production of mechanical parts in-house

2009 - Designing plastic injection and deep drawn mouldings

2010 - Tool making, CNC, EDM

2011 - Ultra thin surface mounted LOP and COP series, AVOX

2012 - Sheet metal processing and injection moulding machines

2013 - Increased capacity, full automatic SMT production line

2014 - Prewiring systems, CANbus

2015 - Increased capacity new plastic injection moulding machines

2016 - LASER cutting / CNC bending

2017 - High performance color TFT

2018 - Ultimate information system, PETRA

2019 - Integrated floor position and status indicator

2020 - Development of MEGA7 COP series

2021 - Design of R36 button series

2022 - Introduction of XPAND systems

2023 - Development of MEGA5 COP series

2024 - Introduction of PANDA dot-matrix COP series

2025 - Launch of VIORA COP and LOP series

INDEX

PRODUCT CODING

PANEL SIZE

6	HORIZONTAL type
7	HALF HEIGHT with endcaps
9	FULL HEIGHT

Function button columns

3	3 COLUMNS
5	5 COLUMNS
7	7 COLUMNS

Floor button columns

1	2 TO 5 STOPS
2	6 TO 10 STOPS
3	11 TO 15 STOPS
4	16 TO 24 STOPS
5	25 TO 30 STOPS

Floor button rows

5	5 ROWS
6	6 ROWS
7	7 ROWS
N	w/NAME

INDICATOR TYPE

CDDR	LED 16x10 DOTMATRIX
CT4D	TFT COLOR 4.3" DUAL
DSCR	LED 7-SEGMENT, parallel type
CSPR	LED 7-SEGMENT, prewired
M7VS	MEGA-7, LED 7-SEGMENT
M7VD	MEGA-7, LED 24x16 DOTMATRIX
M7VT	MEGA-7, 7,0" COLOR TFT
USLM	LCD, graphics, ultraslim
DS2X	LCD, graphics, Diesel-2
GS7R	PKD LED matrix
P3HS	LED 7-SEGMENT
P3HD	LED 16x10 DOTMATRIX

C . AVAC . 7 3 1 5 . M7VT

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
HV	HVAT

CONNECTION TYPE

AC	ARCODE / ARCUBE / ARL700
AB	AYBEY ALC / 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 . RZB

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

Description

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

- 16×10 LED matrix display
- Integrated Emergency light function (via AV-BLT)
- Integrated elevator ID function(via AV-BLF)
- Built-in Two-way intercom
- CANbus, serial prewired type connection
- 2-30 stops
- EN81-70, EN81-28 compliant
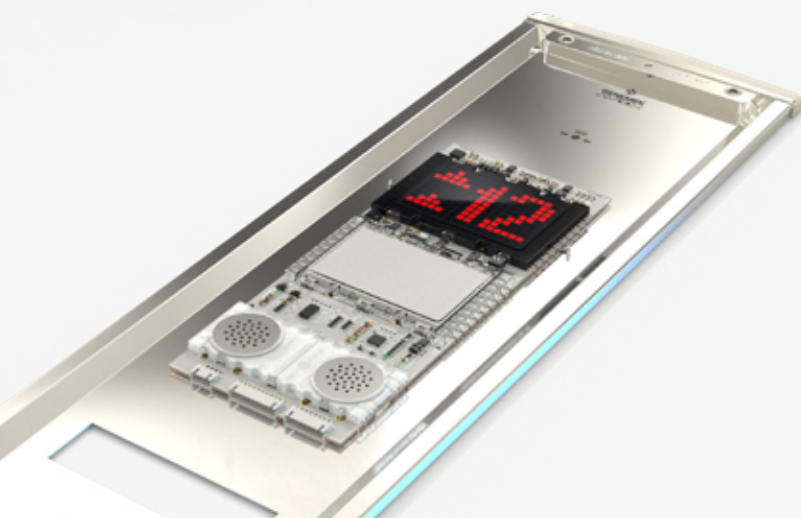- Versatile, cost-effective, flexible design

Ordering Code

COMPATIBILITY	
PW	PARALLEL PREWIRED

T.E . AVAC . CDDR

MODEL	
AV	AVOX
AN	ANTERA

INDICATOR TYPE	
CDDR	LED 16x10 DOTMATRIX

Description

Dual 4.3" full color TFT floor position and information panels for elevator controllers which use 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 use of SDCARD and given PC software.

Features

- 4.3" indication area,480x272px 24 bit TFT color indicator
- Polycarbonate lens cover
- RGB, changeable pictures for each floor
- Integrated Emergency light function (via second TFT)
- Built-in Two-way intercom
- Integrated elevator ID function(via second TFT)
- 2-30 stops
- CANbus, serial prewired type connection)
- EN81-70, EN81-28 compliant
- Versatile, cost-effective, flexible design

Ordering Code

COMPATIBILITY			
AC	ARKEL ARCODE	LS	LISA SCHNEIDER
AY	AYBEY ALC/ACT	MT	ARKEL MOT
CP	CANOPEN DSP417	MV	MIKEL MIVOX
GV	GENCAN	NF	NIDEC F3
HY	HYUNDAI STVF	SV	STEP F5021 AS380

MODEL	
AV	AVOX

T.E . A V A C . C T 4 D

INDICATOR TYPE	
CT4D	TFT COLOR 4,3" DUAL

Description

DSC floor indicators are 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 use of illuminated symbols.

Features

- 9.9mm surface mounted
- Parallel type connection
- Indicate -9 till 19
- EN81-70, EN81-28 compliant
- Cost-effective

Ordering Code

COMPATIBILITY			
AC	ARKEL ARCODE	LS	LISA SCHNEIDER
AY	AYBEY ALC/ACT	MT	ARKEL MOT
CP	CANOPEN DSP417	MV	MIKEL MIVOX
GV	GENCAN	NF	NIDEC F3
HY	HYUNDAI STVF	SV	STEP F5021 AS380

MODEL	
AV	AVOX

T.E . AVNS . DSCR

INDICATOR TYPE	
DSC	LED 7-SEGMENT, non-prewired

LED COLOR	
R	red
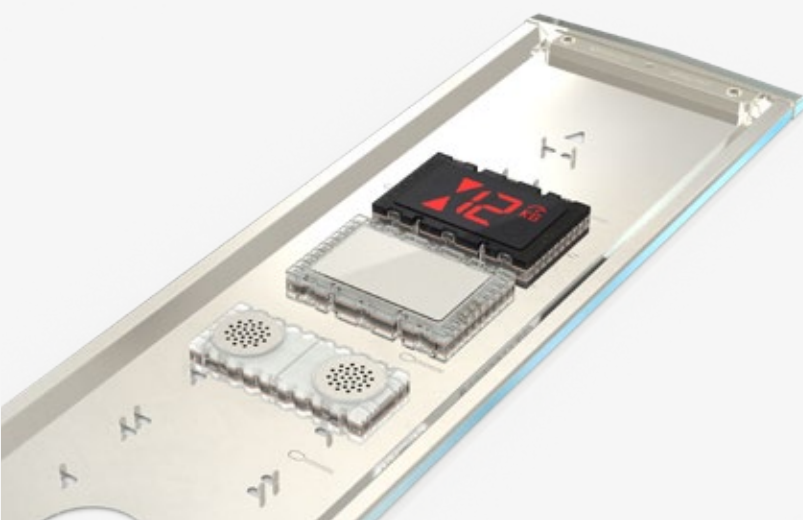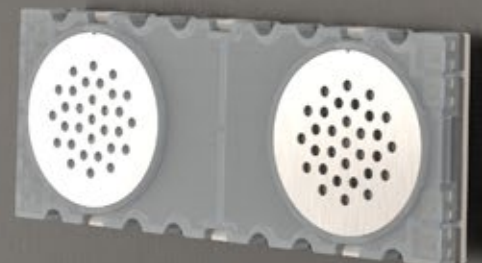
Description

MEGA5 all in one integrated solution. CANbus serial type connection; LED matrix display.

Unique design; modern look.

Features

- Integrated voice announcer
- Dual speakers + dual microphones
- CANbus serial type connection
- 92x180mm scratch resistant mineral cover glass
- EN81-70, EN81-28, EN81-20 compliant
- 40mm height direction arrows
- 60mm height 11×9 LED matrix display
- Built-in Two-way intercom
- Ultra-bright emergency lamp (EN81-20)
- Custom ID plate laser marking
- Decorative surface finishes available

Ordering Code

COMPATIBILITY			
AC	ARKEL ARCODE	LS	LISA SCHNEIDER
AY	AYBEY ALC/ACT	MT	ARKEL MOT
CP	CANOPEN DSP417	MV	MIKEL MIVOX
GV	GENCAN	NF	NIDEC F3
HY	HYUNDAI STVF	SV	STEP F5021 AS380

MODEL	
AV	AVOX
HV	HVAT

T.E.AVAC.M5VD

INDICATOR TYPE	
M5VD	MEGA-5, 11x9 LED MATRIX

*illustrative images, final product may differ.

Description

MEGA7 all in one integrated solution. CANbus serial type connection; LED matrix display.

Unique design; modern look.

Features

- Integrated voice announcer
- Dual speakers + dual microphones
- CANbus serial type connection
- 125x180mm scratch resistant mineral cover glass
- EN81-70, EN81-28, EN81-20 compliant
- 40mm height direction arrows
- 60mm height 24×16 LED matrix display
- Built-in Two-way intercom
- Ultra-bright emergency lamp (EN81-20)
- Custom ID plate laser marking
- Decorative surface finishes available

Ordering Code

MODEL	
AV	AVOX
HV	HVAT
AT	ANTERA
FS	FUSION
EP	EPAK

COMPATIBILITY			
AC	ARKEL ARCODE	LS	LISA SCHNEIDER
AY	AYBEY ALC/ACT	MT	ARKEL MOT
CP	CANOPEN DSP417	MV	MIKEL MIVOX
GV	GENCAN	NF	NIDEC F3
HY	HYUNDAI STVF	SV	STEP F5021 AS380

T.E . A V A C . M 7 V D

INDICATOR TYPE	
M7VD	MEGA-7, 24x16 LED MATRIX

Description

MEGA7 all in one integrated solution. Entry level economic, 7 Segment parallel type connection.

Unique surface mounted design gives flexible and modern look.

Features

- Dual speakers + dual microphones
- EN81-70, EN81-28, EN81-20 compliant
- 125x180mm scratch resistant mineral cover glass
- 40mm arrow height direction arrows
- 60mm height 7 segment LED display
- Ultra-bright emergency lamp (EN81-20)
- Built-in Two-way intercom
- Custom ID plate with laser marking
- Decorative surface finishes available

Ordering Code

MODEL	
AV	AVOX
HV	HVAT
AT	ANTERA
FS	FUSION
EP	EPAK

COMPATIBILITY			
AC	ARKEL ARCODE	LS	LISA SCHNEIDER
AY	AYBEY ALC/ACT	MT	ARKEL MOT
CP	CANOPEN DSP417	MV	MIKEL MIVOX
GV	GENCAN	NF	NIDEC F3
HY	HYUNDAI STVF	SV	STEP F5021 AS380

T.E . A V A C . M 7 V S

INDICATOR TYPE	
M7VS	MEGA-7, LED 7-SEGMENT

*illustrative images, final product may differ.

Description

MEGA7 all in one integrated solution. CANbus serial type connection is used with 7"color TFT display. New generation color TFT LCD type indicator panels have great advantage to show high resolution color images and real time high definition videos. Wide view angle and crisp images with intense backlight brightness MEGA7VT indicators are best for high-end elevators. Additional features like voice announcing, emergency state illumination, built-in communication systems make MEGA7VT is not only a simple floor position indicator but a complete in-car information panel for elevators. Elevator standards like EN81-20/28/70 are fully covered.

Features

- 7" color IPS TFT, 16M True color wide viewing angle
- 125x180mm scratch resistant mineral cover glass
- Voice announcing and high definition video playback
- Floor level defined video and image showing
- Separate microphone & speaker for external autodialers
- Built-in Two-way intercom
- Ultra-bright emergency lamp (EN81-20)
- Custom ID plate laser marking
- EN81-70, EN81-28, EN81-20 compliant

Ordering Code

MODEL	
AV	AVOX
HV	HVAT
AT	ANTERA
FS	FUSION
EP	EPAK

COMPATIBILITY			
AC	ARKEL ARCODE	LS	LISA SCHNEIDER
AY	AYBEY ALC/ACT	MT	ARKEL MOT
CP	CANOPEN DSP417	MV	MIKEL MIVOX
GV	GENCAN	NF	NIDEC F3
HY	HYUNDAI STVF	SV	STEP F5021 AS380

T.E . A V A C . M 7 V T

INDICATOR TYPE	
M7VT	MEGA-7, 7.0" COLOR TFT

Description

PANDA – basic indicator for car operator panels. Includes all essential features. Cost effective. Mostly used in AVOX casing, but also available in HVAT series. Serial CANbus compatible. Easy installation and connection via pluggable cable.

Features

- Fits into 9.9 mm body
- Serial CANbus compatible
- EN81-70 compliant
- 400 mm tall direction arrows
- 30 mm tall segment digits
- Emergency lighting via illuminated direction arrows

Ordering Code

COMPATIBILITY			
AC	ARKEL ARCODE	**LS**	LISA SCHNEIDER
AY	AYBEY ALC/ACT	**MT**	ARKEL MOT
CP	CANOPEN DSP417	**MV**	MIKEL MIVOX
GV	GENCAN	**NF**	NIDEC F3
HY	HYUNDAI STVF	**SV**	STEP F5021 AS380

T.E . A V A C . P 3 H S

COMPATIBILITY	
AV	PARALLEL TYPE

INDICATOR TYPE	
P3HS	LED 7-SEGMENT, non-prewired

*illustrative images, final product may differ.

Description

PANDA – basic indicator for car operator panels. Includes all essential features. Cost effective. matrix floor position indicator serial (CANbus) communication. Simple plug and play connection structure and mechanical installation saves time on.

Features

- CANbus serial type connection
- EN81-70, EN81-28, EN81-20 compliant
- 40mm height direction arrows
- 60mm height 16×10 LED matrix display
- Emergency lamp via Arrows (EN81-20)

Ordering Code

COMPATIBILITY			
AC	ARKEL ARCODE	**LS**	LISA SCHNEIDER
AY	AYBEY ALC/ACT	**MT**	ARKEL MOT
CP	CANOPEN DSP417	**MV**	MIKEL MIVOX
GV	GENCAN	**NF**	NIDEC F3
HY	HYUNDAI STVF	**SV**	STEP F5021 AS380

T.E . A V A C . P 3 H D

COMPATIBILITY	
AV	PARALLEL TYPE

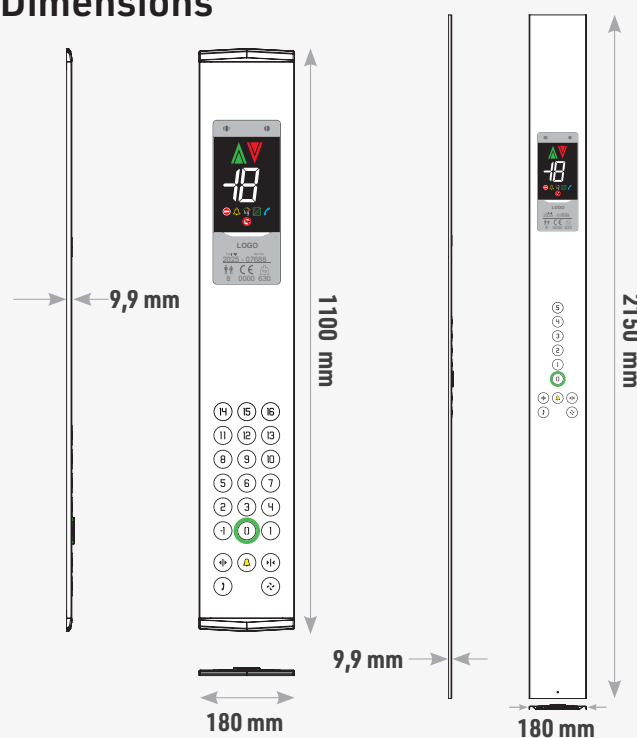| INDICATOR TYPE	
P3HD	LED 16x10 DOTMATRIX

Description

AVOX Car Operator Panels with MEGA7 all in one integrated solution. Color TFT, LED matrix and 7 Segment LED-integrated floor position and status indicator for elevator controllers with serial (CANbus) communication.

Features

- 9.9mm surface mounted
- 125x180mm scratch resistant mineral cover glass
- Voice announcing and high definition video playback
- Floor level defined video and image showing (M7VT only)
- Separate microphone & speaker for external autodialers
- Built-in Two-way intercom
- Ultra-bright emergency lamp (EN81-20)
- Custom ID plate laser marking
- EN81-70, EN81-28, EN81-20 compliant

Dimensions

9,9 mm — 1100 mm — 180 mm — 9,9 mm — 2150 mm — 180 mm

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

C	Car Operator Panel

AV	AVOX

PANEL SIZE	
7	HALF HEIGHT
9	FULL HEIGHT

C . A V A C . 9 3 2 6 . M 7 V D

COMPATIBILITY			
AC	ARKEL ARCODE	**LS**	LISA SCHNEIDER
AY	AYBEY ALC/ACT	**MT**	ARKEL MOT
CP	CANOPEN DSP417	**MV**	MIKEL MIVOX
GV	GENCAN	**NF**	NIDEC F3
HY	HYUNDAI STVF	**SV**	STEP F5021 AS380

KEYBOARD TYPE	
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

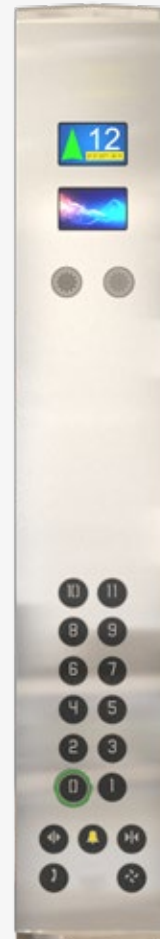9316.M7VT

9546.M7VS
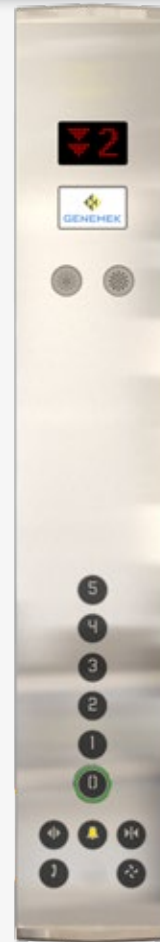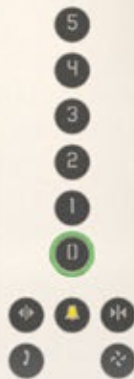
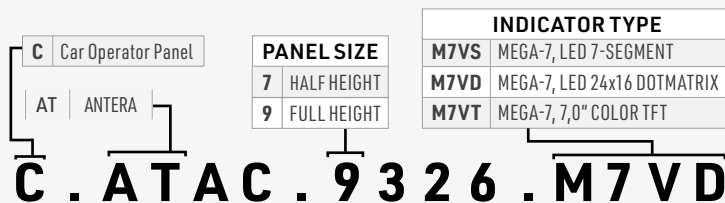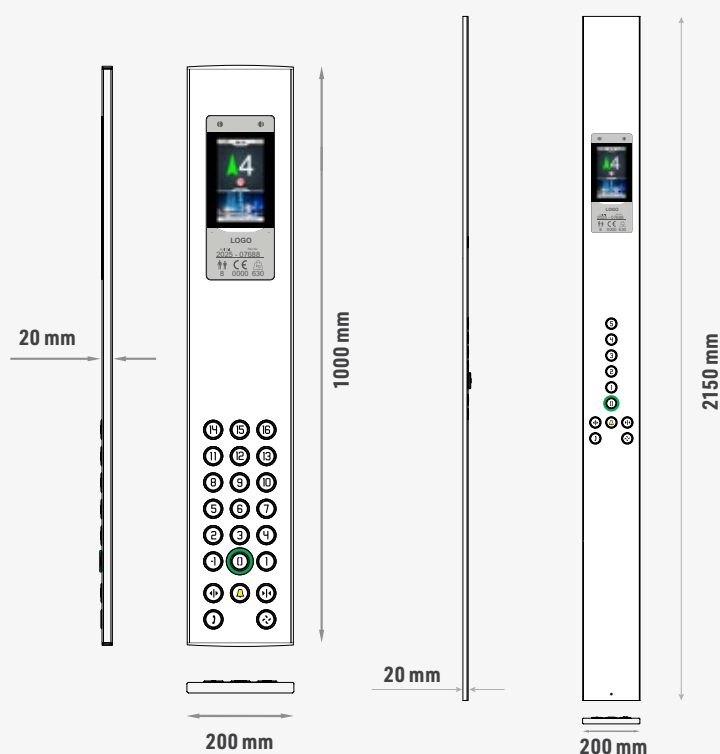7316.CDDR

7326.CT4D

7326.M7VD

7336.M7VT

Description

ANTERA – Full and half height surface mounted car operator panels. Color TFT, LED matrix and 7 Segment LED - integrated floor position and status indicator for elevator controllers with serial (CANbus) communication.

RADIAN series premium quality push buttons and fixtures are used in ANTERA for more flexible and robust design. 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 18 stops (EN81-70) or 28 (EN81-20)
- 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

20 mm · 1000 mm · 200 mm · 20 mm · 2150 mm · 200 mm

C	Car Operator Panel
AT	ANTERA

PANEL SIZE	
7	HALF HEIGHT
9	FULL HEIGHT

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

C . ATAC . 9326 . M7VD

COMPATIBILITY			
AC	ARKEL ARCODE	LS	LISA SCHNEIDER
AY	AYBEY ALC/ACT	MT	ARKEL MOT
CP	CANOPEN DSP417	MV	MIKEL MIVOX
GV	GENCAN	NF	NIDEC F3
HY	HYUNDAI STVF	SV	STEP F5021 AS380

BUTTON TYPE	
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

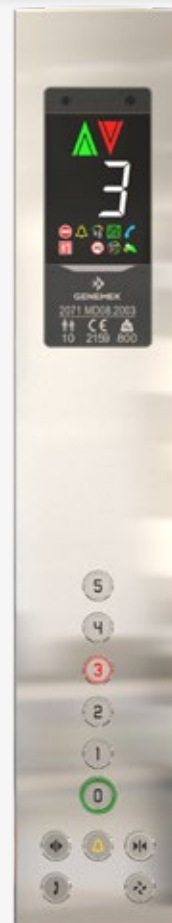*Illustrative images, final product may differ.
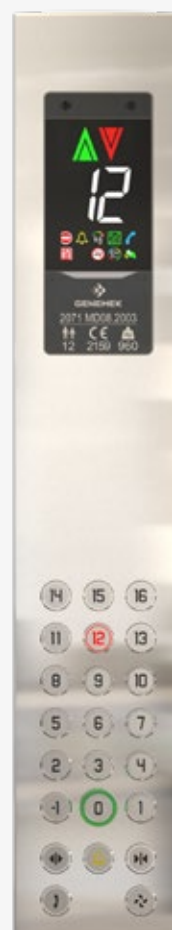
9316.M7VT

9336.M7VT

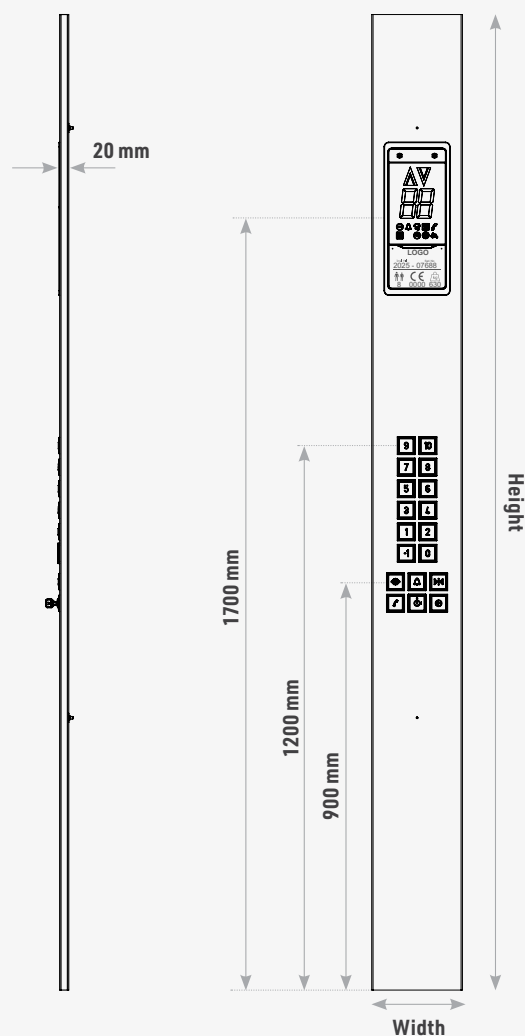7316.M7VD

7326.M7VT

7316.M7VS

7336.M7VS

EPAK

Description

EPAK series has a more rigid structure for a long term operation and secure installation. Wide variety of position indicators and scalable dimensions make body EPAK series suitable for most of your applications. Strong snap-fit action with stainless steel backbox is a standard feature. Fixing requires no screws for mounting.
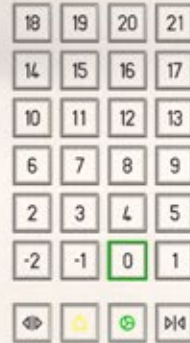
Features

- CNC laser + CNC bending
- Fast and reliable installation
- Protruding symbols for accessibility purposes
- 2 to 28 stops
- LCD or MEGA7 display options
- Decorative surface finishes available

Dimensions

20 mm

1700 mm

1200 mm

900 mm

Height

Width

20 mm

16 mm

Height=1900-2300mm
Width=200-400mm

*¹Illustrative images, final product may differ.

C . E P B G . 9 4 4 6 . M 7 V S : R D

C	Car Operator Panel

EP	EPAK

BUTTON TYPE	
QD	QUAD
RD	RADIAN

COMPATIBILITY

AC	ARKEL ARCODE	LS	LISA SCHNEIDER
AY	AYBEY ALC/ACT	MT	ARKEL MOT
CP	CANOPEN DSP417	MV	MIKEL MIVOX
GV	GENCAN	NF	NIDEC F3
HY	HYUNDAI STVF	SV	STEP F5021 AS380

PANEL SIZE

9	FULL HEIGHT

BUTTON LAYOUT

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

INDICATOR TYPE

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

Description

FUSION series has a more rigid structure for a long term operation and secure installation. Wide variety of position indicators and scalable dimensions make body FUSION series suitable for most of your applications. Backbox is a standard feature. Snap-fit mechanism to fix faceplate requires no screws on mounting. Whenever one need extra guidance when choosing desired floor, FUSION series will help with illuminated floor designation windows.

Features

- CNC laser + CNC bending
- Fast and reliable installation
- Protruding symbols for accessibility purposes
- 2 to 12 stops
- LCD or MEGA7 display variations
- Decorative surface finishes available

Dimensions

20 mm

Height

1700 mm

1200 mm

900 mm

Width

20 mm

16 mm

Height=1900-2300mm
Width=200-400mm
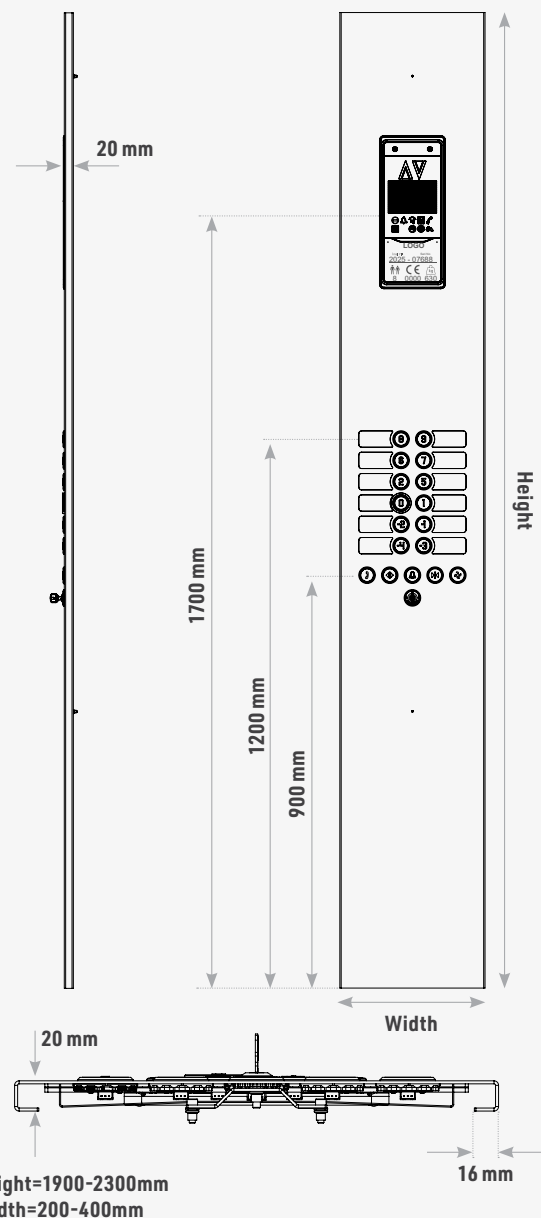
QUAD

RADIAN

C . FSBG . 952N . M7VS : RD

C	Car Operator Panel

FS	FUSION

COMPATIBILITY			
AC	ARKEL ARCODE	LS	LISA SCHNEIDER
AY	AYBEY ALC/ACT	MT	ARKEL MOT
CP	CANOPEN DSP417	MV	MIKEL MIVOX
GV	GENCAN	NF	NIDEC F3
HY	HYUNDAI STVF	SV	STEP F5021 AS380

PANEL SIZE	
9	FULL HEIGHT

BUTTON LAYOUT	
316	2 TO 6 STOPS
326	7 TO 12 STOPS
526	7 TO 12 STOPS

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

| BUTTON TYPE	
QD	QUAD
RD	RADIAN

Description

HVAT is a premium, slim, and durable car operator panel that delivers a scalable solution for modern elevator systems. Featuring a surface-mounted design available in full or half height options, it integrates MEGA5 LED matrix or MEGA7 technology with Color TFT, LED matrix, or 7-segment versions to provide clear floor and status information. Uses CANbus. Compatible with a wide range of elevator controllers, HVAT ensures long-lasting performance and seamless integration in demanding environments.

Features

- Customizable height as per request
- Suitable for elevators up to 12 stops
- Fast and reliable installation
- Buttons with protruding symbols
- CNC Laser and bending, stainless steel framework
- MEGA5/7 LED matrix, 7 Segment, TFT color display options
- Fan button with two contacts, timer and blinking lighting
- Decorative surface finishes available

Dimensions

1000 mm

9.9 mm

120 mm

1900 mm

9.9 mm

120 mm
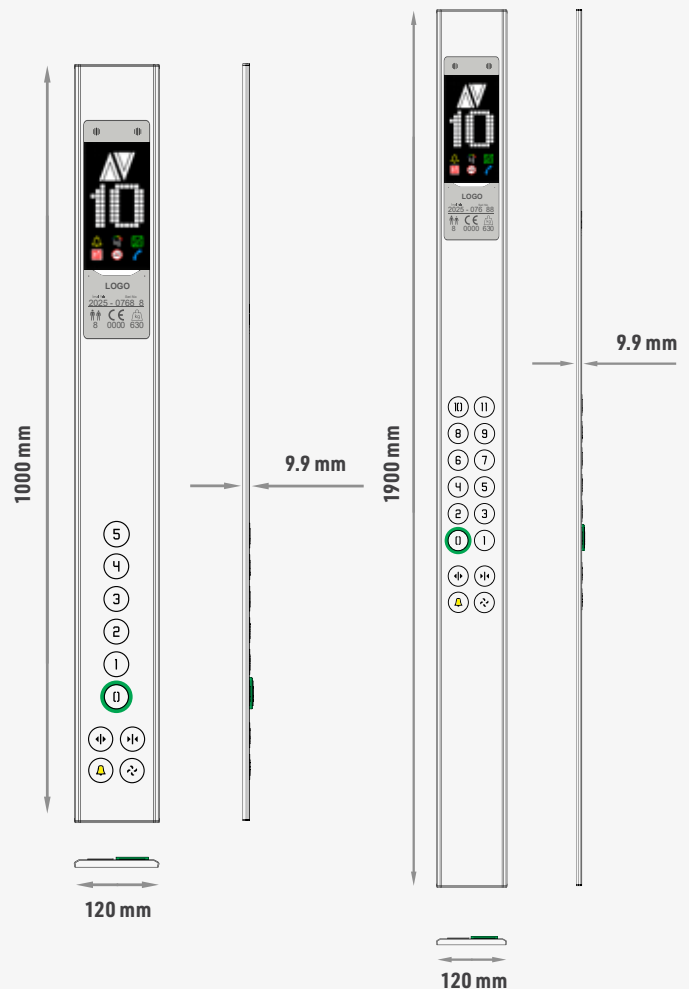
C . H V A C . 9 3 3 6 . M 7 V S

C	Car Operator Panel

HV	HVAT

COMPATIBILITY			
AC	ARKEL ARCODE	**LS**	LISA SCHNEIDER
AY	AYBEY ALC/ACT	**MT**	ARKEL MOT
CP	CANOPEN DSP417	**MV**	MIKEL MIVOX
GV	GENCAN	**NF**	NIDEC F3
HY	HYUNDAI STVF	**SV**	STEP F5021 AS380

PANEL SIZE	
7	HALF HEIGHT
9	FULL HEIGHT

KEYBOARD TYPE	
316	2 TO 6 STOPS
326	7 TO 12 STOPS
336	13 TO 18 STOPS
216	2 TO 6 STOPS
226	7 TO 12 STOPS

INDICATOR TYPE	
M5VD	MEGA-5, LED 11x9 DOTMATRIX
M7VS	MEGA-7, LED 7-SEGMENT
M7VD	MEGA-7, LED 24x16 DOTMATRIX
M7VT	MEGA-7, 7,0" COLOR TFT

Description

AVOX Car Operator Panels with MEGA7 all in one integrated solution. CANbus serial type connection. Additional features like voice announcing, emergency state illumination. Elevator standards like EN81-20/28/70 are fully covered.

Features

- 7" color TFT, 16M True color wide view angle
- 125x180mm scratch resistant mineral cover glass
- Voice announcing
- Separate microphone & speaker for external autodialers
- Emergency lamp via arrows (EN81-20)
- Custom ID plate laser marking
- EN81-70, EN81-28, EN81-20 compliant

Dimensions

9,9 mm

1100 mm

9,9 mm

180 mm

2150 mm

180 mm
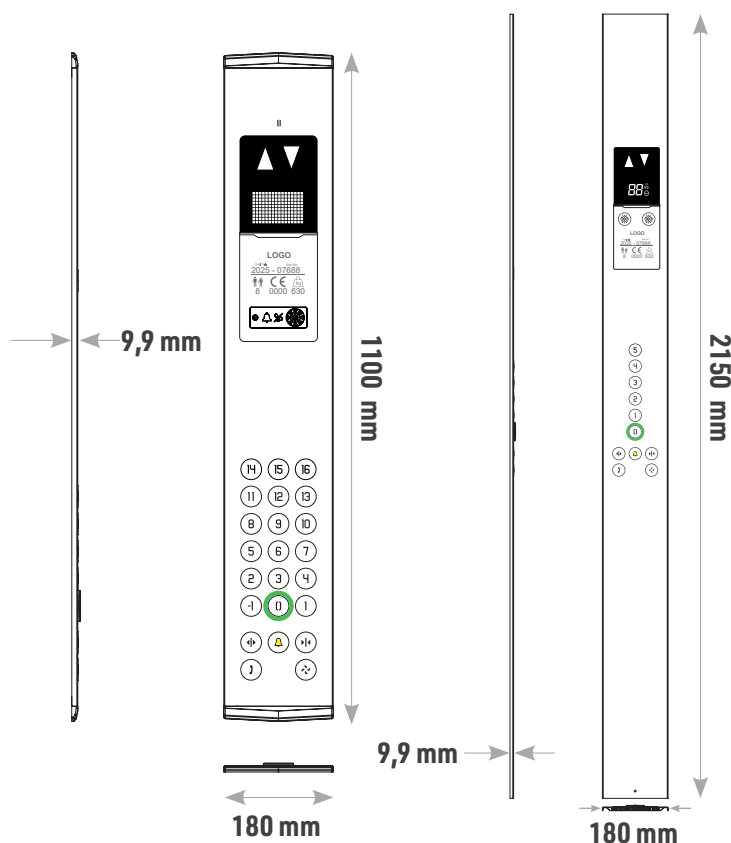
*illustrative images, final product may differ.

9316.P3HD

9336.P3HS

7326.P3HS
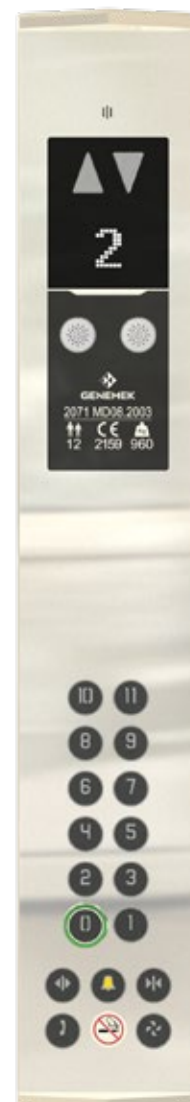
7326.P3HD

C . A V C P . 9 3 3 6 . P 3 H S

C	Car Operator Panel

AV	AVOX

COMPATIBILITY			
AC	ARKEL ARCODE	LS	LISA SCHNEIDER
AY	AYBEY ALC/ACT	MT	ARKEL MOT
CP	CANOPEN DSP417	MV	MIKEL MIVOX
GV	GENCAN	NF	NIDEC F3
HY	HYUNDAI STVF	SV	STEP F5021 AS380

PANEL SIZE	
7	HALF HEIGHT
9	FULL HEIGHT

KEYBOARD TYPE	
316	2 TO 6 STOPS
326	7 TO 12 STOPS
336	13 TO 18 STOPS

INDICATOR TYPE	
P3HD	PANDA, LED 10x16 DOTMATRIX
P3HS	PANDA, LED 7-SEGMENT

AVOX

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 & TFT indicators with AVOX buttons are used in 9.9 mm slimcase which has tapered down to sides to even make a thinner look.

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

9.9 mm

250 mm

80 mm

Ordering Code

MODEL	
AV	AVOX

LAYOUT	
1	single button
2	dual buttons
3	door side indicator
4	door over indicator

EXTRAS	
A	LED arrow
W	RFID
K	Keyswitch
X	Axes

LED COLOR	
R	red
W	white

L . AVAC . 2012 . R

COMPATIBILITY			
AC	ARKEL ARCODE	LS	LISA SCHNEIDER
AY	AYBEY ALC/ACT	MT	ARKEL MOT
CP	CANOPEN	MK	MIKEL MIVOX
GC	GENCAN	NF	NIDEC F3
HY	HYUNDAI	ST	STEP

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

AVOX

AV.41B0

AV.4210.

AV.4110

AV.2002
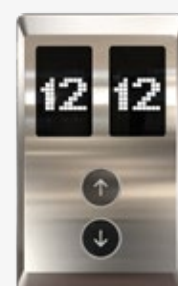
AV.10B2

AV.2072

AV.1072

AV.1012

AV.2012

AV.1082

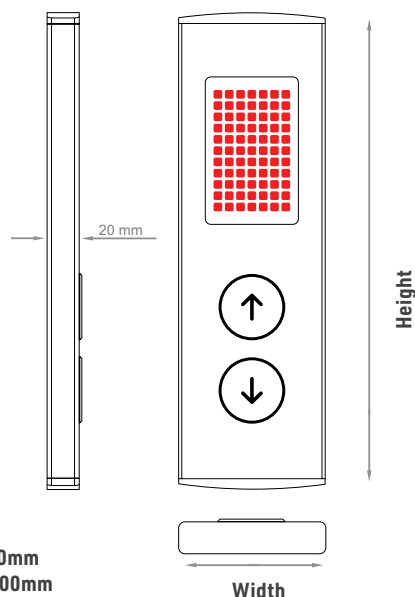AV.2082

AV.1022

AV.2022

ANTERA

Description

ANTERA – surface mounted landing operator panels. Comes in several set sizes. Suited with 7 segment, LED matrix or TFT indicators. Both parallel and serial CANbus compatible. RADIAN and QUAD series premium push button options available for parallel type.

Features

- Scalable in height, which allows a variety of fixture combinations.
- Optimal AVOX series, or premium RADIAN or QUAD button options.
- Protruded button symbols for accessibility purposes TFT, Graphic LCD, 7 segment or LED matrix indicators Decorative surface finishes

Dimensions

20 mm

Height

Height=200-400mm
Width=80, 90, 100mm

Width

Ordering Code

MODEL	
AT	ANTERA

LAYOUT	
1	single button
2	dual buttons
3	door side indicator
4	door over indicator

EXTRAS	
A	LED arrow
W	RFID
K	Keyswitch
X	Axes

LED COLOR	
R	red
W	white

L . ATAC . 2012 . R

COMPATIBILITY			
AC	ARKEL ARCODE	LS	LISA SCHNEIDER
AY	AYBEY ALC/ACT	MT	ARKEL MOT
CP	CANOPEN	MK	MIKEL MIVOX
GC	GENCAN	NF	NIDEC F3
HY	HYUNDAI	ST	STEP

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

*illustrative images, final product may differ.

ANTERA

AT.41B0

AT.4210

AT.4110

AT.2002

AT.10B2

AT.2072

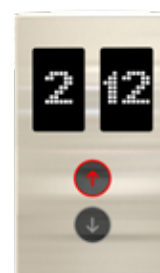

AT.1072

AT.2WB2

AT.1W12

AT.1082

AT.2082

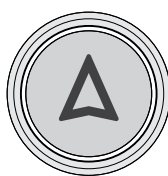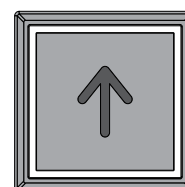AT.1022

AT.2022

Button variations
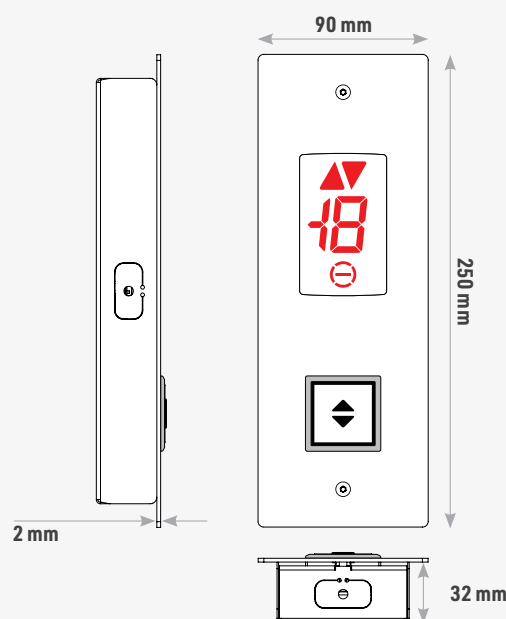

AVOX

RADIAN

QUAD

ECLASER

Description

ECLASER – flush-mounted landing operator panels. 2 mm thick stainless-steel front panel. The model maintains a clean appearance on the mounting surface. All electronic components are well organized and safely hidden inside the back box. Suports 7 segment, LED matrix and Graphic LCD indicators. Equipped with premium quality RADIAN and QUAD push buttons. Proven design ensures easy installation.

Features

- 2 mm thick stainless steel plate
- Premium quality RADIAN or QUAD buttons
- Protruding symbols
- 7 segment, LED matrix and Graphic LCD indicators
- Decorative surface finishes available
- Scalable on special request

Dimensions

90 mm

250 mm

2 mm

32 mm

Ordering Code

MODEL	
EC	ECLASER

LAYOUT	
1	single button
2	dual buttons
3	door side indicator
4	door over indicator

EXTRAS	
A	LED arrow
W	RFID
K	Keyswitch
X	Axes

LED COLOR	
R	red
W	white

L . E C B G . 2 0 1 1 . R

COMPATIBILITY	
BG	BINARY/GRAY
NS	7-SEGMENT

INDICATOR	
1	LED matrix indicator, single
2	LED matrix indicator, dual
7	LED, 7-Segment, single
8	LED, 7-Segment, dual
3	Graphic LCD
4	Graphic LCD, dual

*illustrative images, final product may differ.

ECLASER
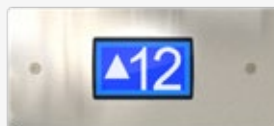
EC.4070   EC.4030   EC.4010

EC.1001   EC.3070   EC.2001   EC.3030
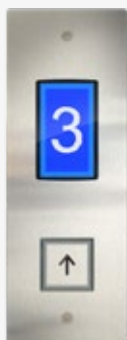
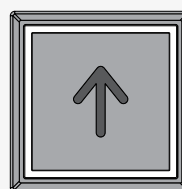EC.1031   EC.1011   EC.1081   EC.2041

## Button variations

RADIAN   QUAD

Description

HVAT is a premium landing operator panel designed with a sleek, ultra-slim 10 mm profile and a smart snap-fit front panel that hides all visible screws, delivering a clean and modern appearance. It supports a wide range of display options including 7-segment, LED matrix, color TFT, and LCD, and is fully compatible with both parallel and CANbus elevator systems. HVAT is scalable in size and configuration, allowing flexible adaptation to various architectural needs. Its plug-and-play structure ensures fast installation, while the durable build guarantees long-lasting performance in all environments.

Features

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

Dimensions

10 mm
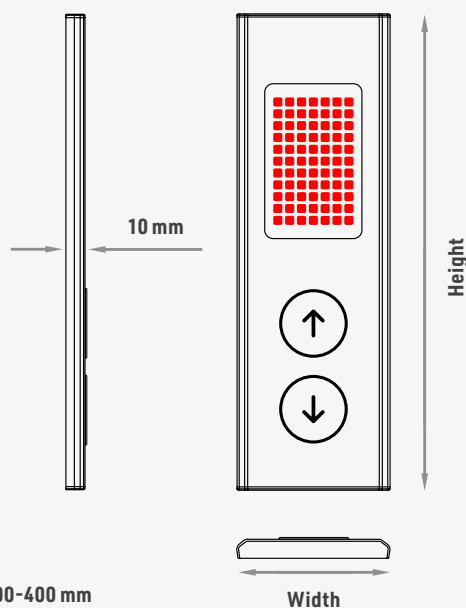
Height

Width

Height=200-400 mm
Width=65, 80, 100, 120, 150, 180 mm

Ordering Code

MODEL			LAYOUT
HV	HVAT	**1**	single button
		2	dual buttons
		3	door side indicator
		4	door over indicator

EXTRAS	
E	EMG light
W	RFID
K	Keyswitch

LED COLOR	
R	red
W	white

L . HVAC . 2012 . R

COMPATIBILITY			
AC	ARKEL ARCODE	**LS**	LISA SCHNEIDER
AY	AYBEY ALC/ACT	**MT**	ARKEL MOT
CP	CANOPEN	**MK**	MIKEL MIVOX
GC	GENCAN	**NF**	NIDEC F3
HY	HYUNDAI	**ST**	STEP

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

HV.4210
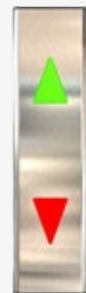

HV.4310

HV.2002

HV.2K02

HV.3100

HV.2012

HV.2W12

HV.2072

HV.1072

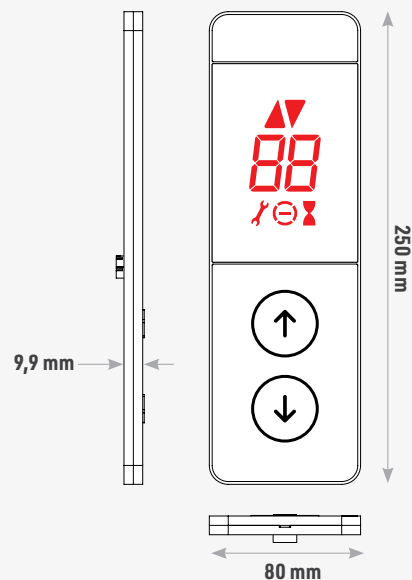

HV.2K12

HV.1K72

RETINA

Description

RETINA is the new ultra-thin surface mounted landing operator panel in our product range. New flat and clean design on front view and black & frosted white contrasting colors on sides make a modern and thin look. Built-in high implementation quality with 7-segment LED & LED matrix indicators. Serial prewired type connections are available.

Features

- 9.9 mm thin design, surface mounted
- 7 Segment or LED matrix display indicator
- Serial prewired systems are supported
- Custom logo laser marking available (Optional)

Dimensions

9,9 mm

250 mm

80 mm

Ordering Code

MODEL	
RT	RETINA

LAYOUT	
1	single button
2	dual buttons
3	door side indicator
4	door over indicator

EXTRAS	
A	LED arrow
W	RFID

LED COLOR	
R	red
W	white

L . RTAC . 2012 . R

COMPATIBILITY			
AC	ARKEL ARCODE	LS	LISA SCHNEIDER
AY	AYBEY ALC/ACT	MT	ARKEL MOT
CP	CANOPEN	MK	MIKEL MIVOX
GC	GENCAN	NF	NIDEC F3
HY	HYUNDAI	ST	STEP

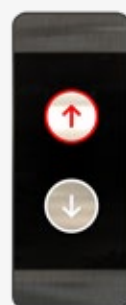| INDICATOR	
1	LED matrix indicator, single
2	LED matrix indicator, dual
7	LED, 7-Segment, single
8	LED, 7-Segment, dual
B	4,3" TFT Color Display

*illustrative images, final product may differ.

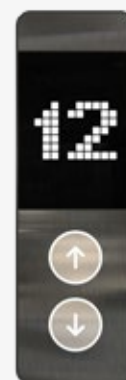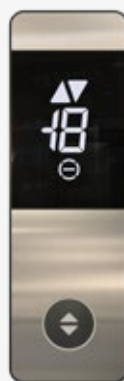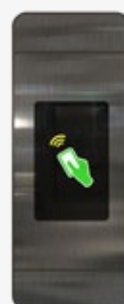RT.4210

RT.1002

RT.2002

RT.1012

RT.2072

RT.2012


RT.1072

RT.30W0

UFO

Description

UFO is a series of surface-mounted landing operator panels and indicators. The main design feature of the series is the circular form, one of the most fundamental shapes. The slim housing, absence of visible fastening elements, variety of decorative finishes - all these features make the series the most natural choice for a range of design solutions.

Features

- 100mm diameter round steel frame
- Wide range of components
- 9.9mm ultra thin, surface installation
- Snap fit design, no visible bolts or screws
- Decorative surface finishes available

Dimensions

Ø36 mm

9,9 mm

Ø100 mm
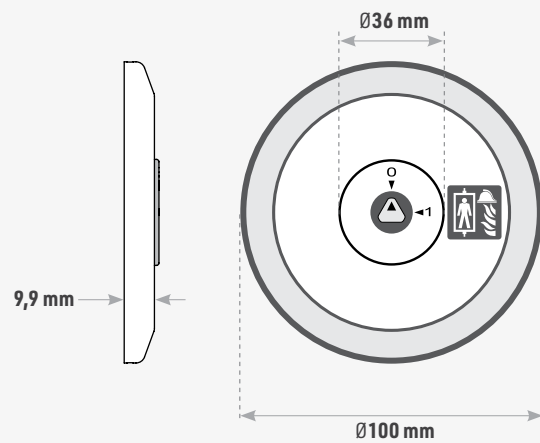
Ordering Code

L . **UF**NS . **1002**

MODEL	
UF	UFO

COMPONENT TYPE	
ARU	UP Arrow indicator
ARD	DOWN Arrow indicator
4070	7-segment LED floor position indicator
1002	AVOX push button
KSF	Fireman keyswitch
KST	Triangular keyswitch
KSR	Keyswitch
KSD	Keyswitch
EMS	Emergency light unit

*illustrative images, final product may differ.

UF-AR.U

UF4070.R

UF-AR.D

UF4070.W

UF-1002UD

UF1002UP

UF1002DW

UF-KSF

UF-EMS

UF-KSD

UF-KSW

UF-KSR

multi-purpose component compatibility

mount plate

UF-AR

AV-KSD

UF-DSH

AV-BTBZ

AV-KST

face plate

Description

AVOX ultra-thin push buttons are designed to integrate seamlessly with AVOX COPs and LOPs. Four LEDs evenly illuminate the transparent button icon and outer ring. The smart button body design eliminates the need for mechanical spring loading while still generating the required force to meet EN81-70 standards. The locking mechanism requires no screws and allows for easy attachment or detachment. High-quality tact switches ensure a long lifespan. Available in various numbers, letters, and icons, as well as different circuit types.

Features

- Even lighting with four LEDs
- Protruding symbols for accessibility purposes
- Durable silicone plunger of the tact switch
- Optional braille bumps, buzzer sound

Dimensions

36 mm

9.3 mm

15 mm

40 mm
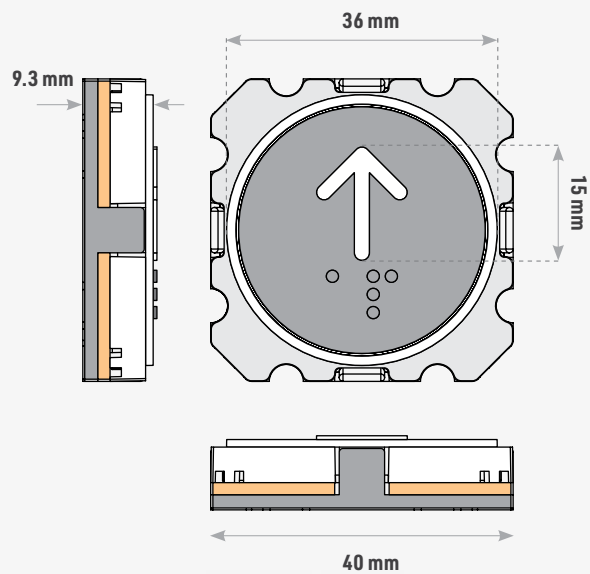
AV-BER

AV-BTR

AV-BTD

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 ·· OTM NS STP

A B C D E F G H K L M P R S

T U Z PB PH P1 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 designed for use with various COPs and LOPs. Eight LEDs evenly illuminate the transparent button icon and outer square frame (when braille is present, the raised dots are also illuminated). The spring placement and mechanical design ensure the required force to meet EN81-70 standards and allow the button to function even when pressed from the very corner (a rare feature). The locking mechanism requires no screws and allows for easy attachment or detachment. High-quality tact switches ensure a long lifespan. Available in various numbers, letters, and icons, as well as different circuit types.

Features

- Even lighting via eight LED elements
- Protruding symbols for accessibility reasons
- Matte chrome-plated ABS body
- Durable silicone plunger of the tact switch
- Optional braille bumps, buzzer sound
- Variety of circuits (optional)

Dimensions

0.8 mm

33.5 mm

40 mm

18 mm

40 mm
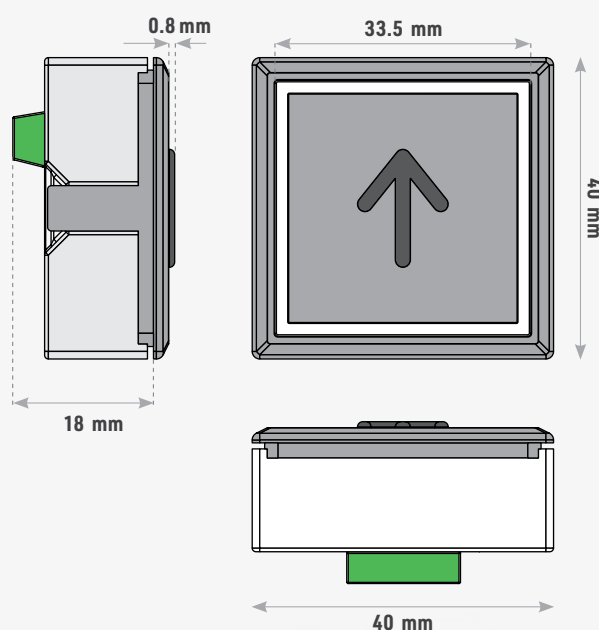
QD-TEXR

QD-ALM

QD-BR

QD-TEXRP

QD-KSW

QD-BFA

QD-OVL

QD-DL

AVAILABLE FIGURES

		-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	Ç	G	K	L	M	P	R	S	T	Z	LL	PG
B1	B2	B3	B4	G1	G2	G3	G4	P1	P2	P3	P4	SF	UG

STP EG GF

AVAILABLE BRAILLE FIGURES

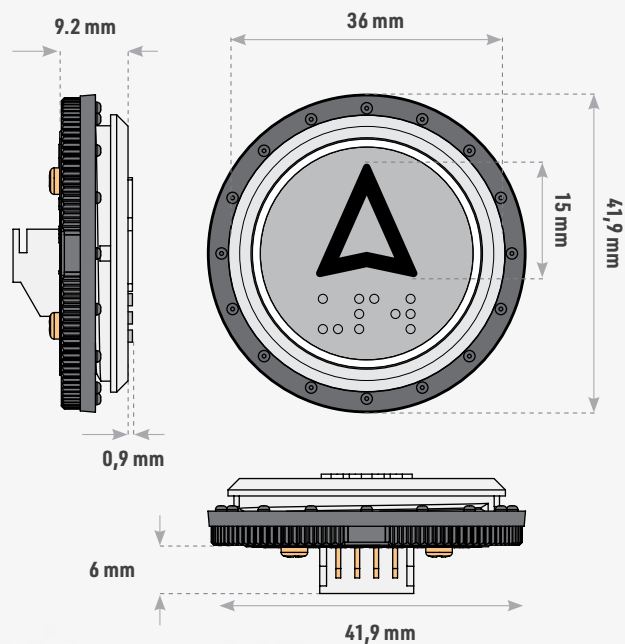|		-7	-6	-5	-4	-3	-2	-1	0
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
B	C	G	L	M	P	R	T

41

Description

RADIAN (or R36) new-generation push buttons designed for use with ANTERA, EPAK, FUSION, ECLASER, and other COPs and LOPs. Chrome-plated metal body. Four LEDs evenly illuminate the transparent button icon and outer ring. Raised symbols and braille dots. The elaborate button design incorporates silicone spring mechanics that ensures the required force to meet EN81-70 standards. Fixed with a nut, allowing compatibility with steel plate thicknesses from 0.8 to 2.0 mm. High-quality tact switches ensure a long lifespan. Available in various numbers, letters, and icons, as well as different circuit types.

Features

- Even lighting with four LEDs
- Protruding symbols for accessibility reasons
- Durable silicone plunger of the tact switch
- Optional braille bumps, buzzer sound
- Variety of symbols
- Decorative surface finishes available

Dimensions

9.2 mm

36 mm

15 mm

41,9 mm

0,9 mm

6 mm

41,9 mm

RDJS3.WR.XP

RDJS4.R

RDJS3.WR.Z.B

RDJS5.WR.XP

RD.ERR
(Protruded green ring on button)

RDJS4.FAN

RDTB4.R

RDTB4.R.B

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

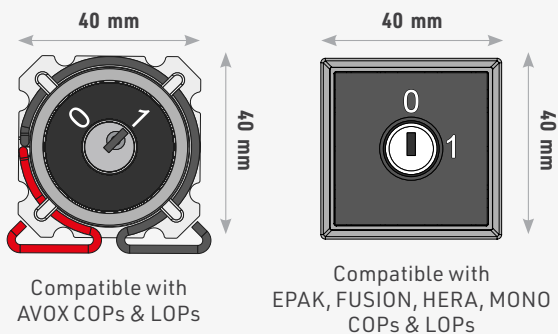U Z T1 T2 P1 P2 P3 P4 B1 B2 B3 B4 EG DG

GF KE LG UG

KEYSWITCHES

AVNW.2P & QDNW.2P

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

Types

- Pluggable (key released in positions 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

AVJS.T.2P

Triangular keyswitch (EN81-72)

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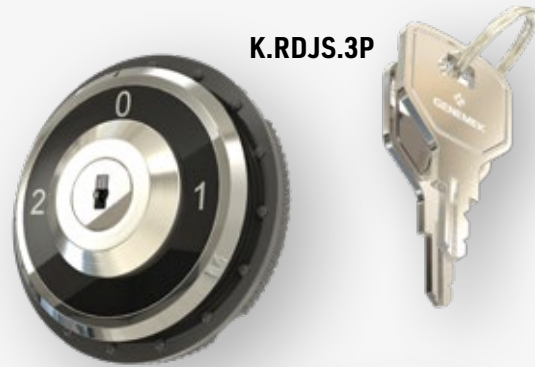- Connected with use of plug type cable (two pieces included)

Types

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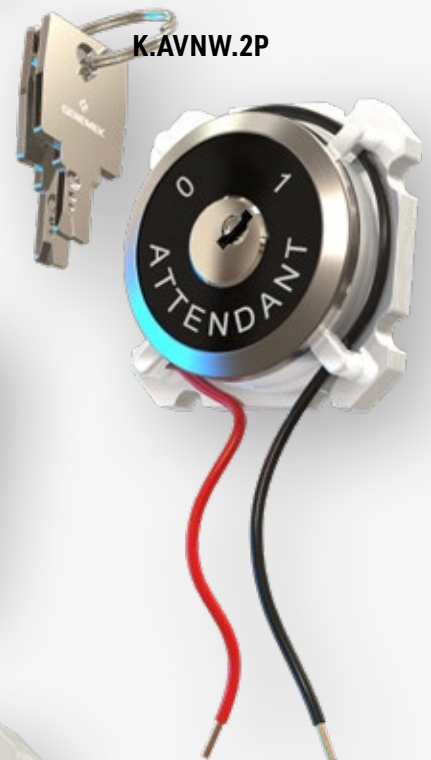- Non-pluggable (key released only in position 0)

Dimensions

*Illustrative images, final product may differ.

7.9 mm

2.3 mm

35.2 mm

40 mm

50 mm
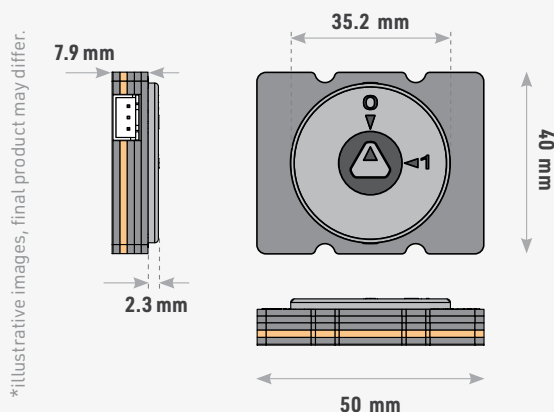
K.RDJS.3P

K.AVNW.2P

K.QDNW.2P

K.AVNT.3P

K.AVJS.T.2P

Description

Watson is a general-purpose Radio Frequency Identification (RFID) access control unit. This RFID card reader features two separate relay outputs that can be used for two different administrative purposes simultaneously. Up to 100 RFID card data entries can be stored in non-volatile memory. Due to its thin design, the module can fit in AVOX or HVAT car and landing operator panels. Watson can be easily programmed using on-board push buttons. End users can create their own Administrator Card to add new cards to the unit's memory.

Features

- 2 separate dry contact relay outputs
- Memory up to 100 RFID cards (cards not included)
- ISO/IEC 14443 A and ISO/IEC 14443 B
- Non-volatile memory
- LED lights to indicate the status of the module
- Programmable by three on-board push buttons
- Programmable by the end user by using Administrator Card
- On-board buzzer
- Compatibility with AVOX and HVAT series 9.9mm thin design
- Firmware and cards database update via SD card

RT.30W0

AV.30W0

LED LEGEND

🔴 Access denied

🟢 Access granted

🔵 Standby mode

🟡 RFID card is being recorded to memory

E.WATSON

Dimensions

9.9 mm

64 mm

96 mm
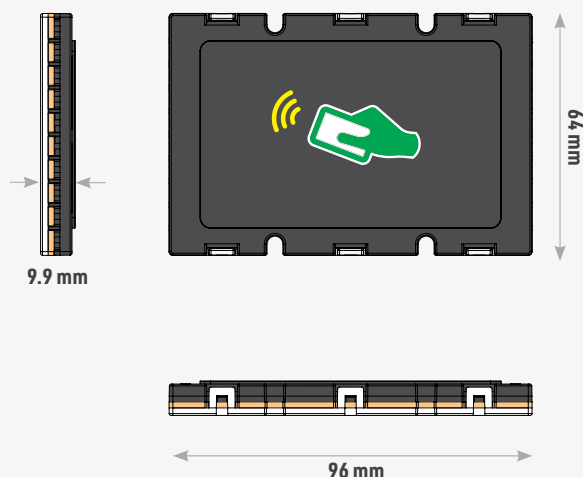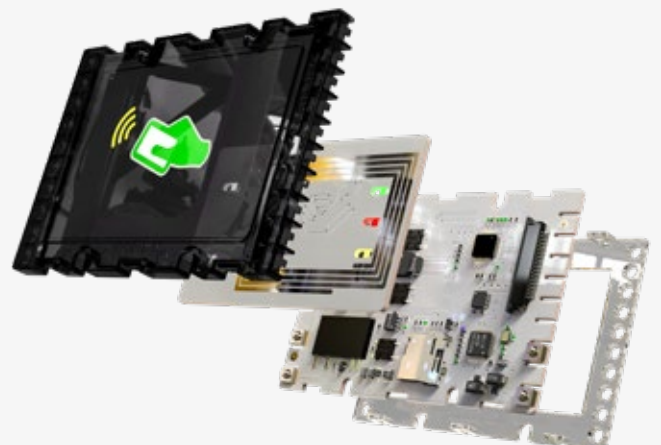
MARKING & BRANDING

S.AV.BLF
Inkjet color printing

S.AV.BLH
high contrast printing

S.AV.LM.L
Laser marking
on LOP

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.

Champagne brushed

Bronze brushed

Gold brushed

Black brushed

Silver brushed
(Standard)

Champagne mirror

Bronze mirror

Silver mirror

Gold mirror

Black mirror

AVOX

S.AV.DKL
surface finish for LOP's

Endcap variations
Silver mirror
Gold mirror
Black mirror

Ölçeklenebilir kat ve kabin kumanda panelleri

XVA7

Scalable car and landings operator panels

GENEMEK