



2019-2



GENEMEK
PRODUCT CATALOGUE



GENEMEK PRODUCTION FACILITY



CNC MACHINING



DIE SINKER



PLASTIC INJECTION



SHEET METAL PROCESSING



CNC BENDING



LASER CUTTING



AUTOMATIC OPTIC INSPECTION



LARGE SIZE CNC CUTTING



ELECTRONIC ASSEMBLY LINE



RESEARCH & DEVELOPMENT



MATERIAL INSPECTION



FUNCTIONAL TESTING



GENEMEK

What do we do?

GENEMEK is a combination of three words; **GEN** was the original name for our company in early years. **E** is stand for electronics(elektronik) and **MEK** is for mechanics(mekanik). So **GEN+E+MEK** represents our expertise in manufacturing the products that seemlesly integrate the electronic and mechanic parts. GENEMEK has been using large amount of its sources for Research & Development department to create and design new and innovative products.

We have been designing and manufacturing elvator interface components for 20 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



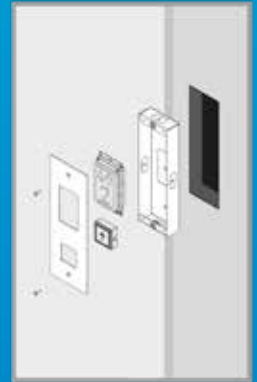
Full height car operator panels



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 20 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

MEGA7

We designed & manufactured wide range of products for elevators





ABOUT US

2-6

CAR OPERATOR PANELS

AVOX - Ultra thin surface mounted

DSC, 7 segment, non-prewired	7-8
CSP, 7 segment, prewired	9-10
CDD, LED matrix, CANBUS	11-12
CT4D, 4.3"color TFT, CANBUS	13-14

MEGA7 - Integrated position indicators

MEGA7V.DS, 7 segment	17-18
MEGA7V.DM, LED matrix	19-20
MEGA7V.TFT, 7"color TFT	21-22

EPAK - Flush mounted

23-24

FUSION - Premium flush mounted

25-26

MONO - Scalable vertical & horizontal

27-28

HERA - Gull wing flush mounted

29-30

LANDING OPERATOR PANELS

RETINA - Modern surface mounted

31-32

UFO - Simple round

33-34

AVOX - Ultra thin surface mounted

Parallel, non-prewired	35-36
Parallel, prewired	37-38
CANBUS, serial prewired	39-40

MONO - Scalable, surface mounted

41-42

RACE - Competitive

43-44

ARENA - Premium

45-46

EC - Scalable, flush mounted

47-48

RAM - Over the door indicator

49-50

ACCESSORIES & OPTIONALS

RV300 - Car Top Box Module

51

MS-2 - Parallel to Serial Converter

52

PUSH BUTTONS

AVOX, buttons	53-54
QUAD, buttons	55-56

LED & LCD INDICATORS

Binary/Gray type LED indicators	57
7 Segment & LED matrix indicators	58
Programmable graphic LCD indicators	59-60

ADMINISTRATIVE EQUIPMENT

KEYSWITCHES	61
AXES-D, electronic key	62
SHARELOCK, RFID card reader	63

EMERGENCY EQUIPMENT

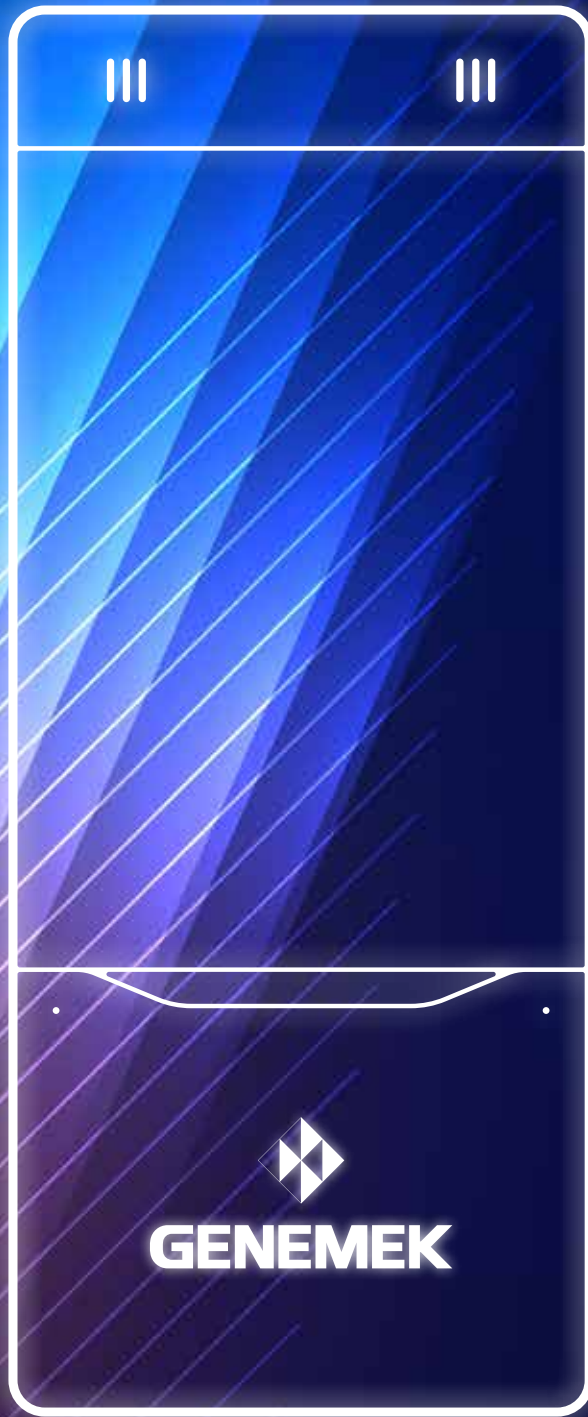
Emergency light units	64
Emergency communication units	65

MARKING & DECORATIVE DESIGN

Decorative surface finishes	66
Marking & branding	67



GENEMEK



DISCOVER

NOW >

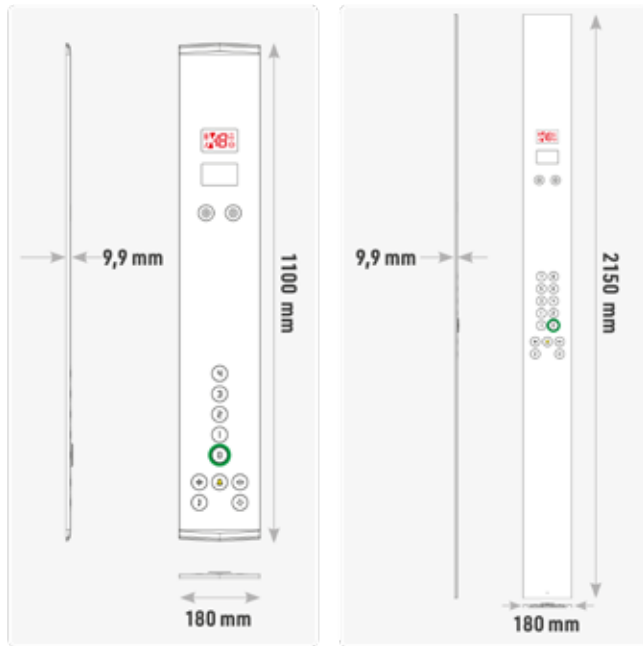
Description

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 giveout 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



Half height cops

Full height cops

Ordering Code

COMPATIBILITY	
AV	PARALLEL TYPE

KEYBOARD TYPE	
31	2 TO 5 STOPS
32	6 TO 10 STOPS
33	11 TO 15 STOPS

AV 7 3 2 - DSC

PANEL SIZE	
7	HALF HEIGHT with endcaps
9	FULL HEIGHT

INDICATOR TYPE	
DSC	LED 7-SEGMENT, non-prewired





731.DSC



732.DSC



733.DSC



931.DSC



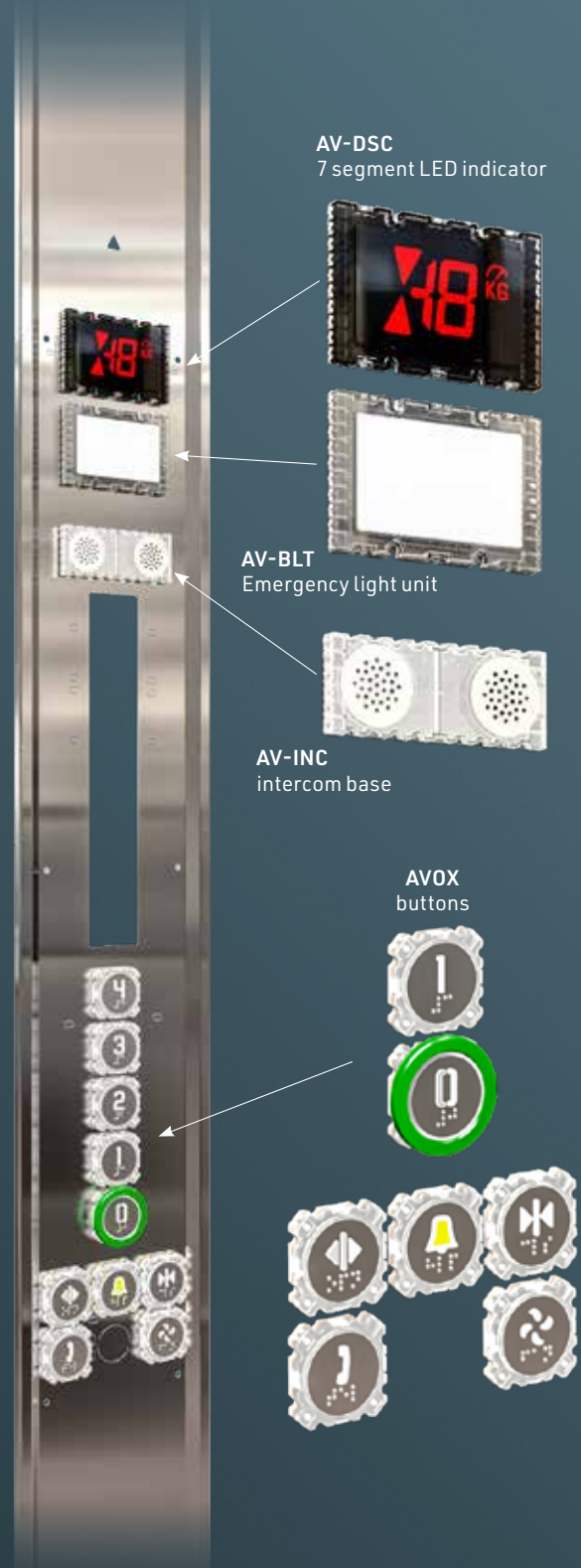
932.DSC



933.DSC

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.



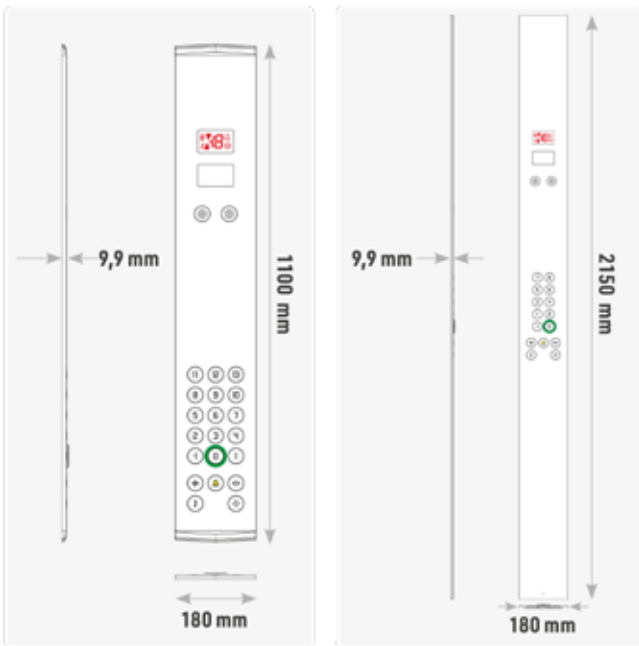
Description

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



Half height cops

Full height cops

Ordering Code

COMPATIBILITY		KEYBOARD TYPE	
PW	PARALLEL PREWIRED	31	2 TO 5 STOPS
		32	6 TO 10 STOPS
		33	11 TO 15 STOPS

PW7 3 3 - CSP

PANEL SIZE		INDICATOR TYPE	
7	HALF HEIGHT with endcaps	CSP	LED 7-SEGMENT, parallel prewired
9	FULL HEIGHT		





731.CSP



732.CSP



733.CSP



931.CSP



932.CSP



933.CSP

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.

AV-RDP3



AV-CSP
parallel prewired
indicator,intercom
&
emergency light unit



AV-CKP33
parallel prewired keyboard

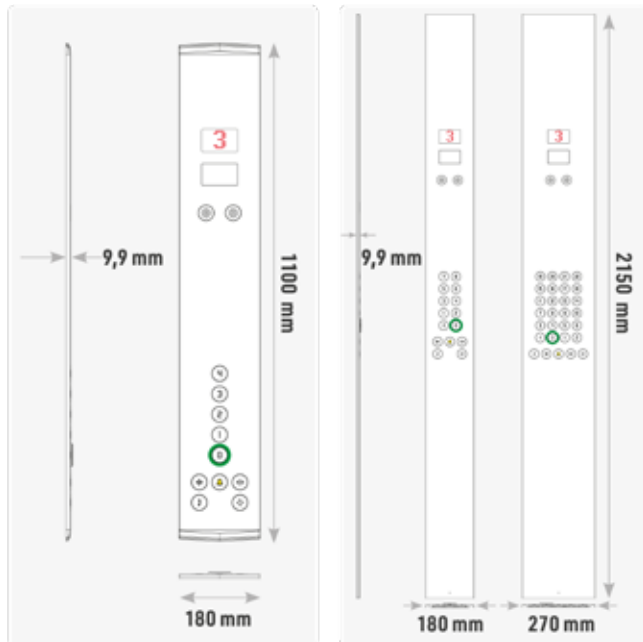
Description

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



Half height cops

Full height cops

Ordering Code

COMPATIBILITY				KEYBOARD TYPE	
AC	ARKEL ARCODE	LS	LISA SCHNEIDER	31	2 TO 5 STOPS
AY	AYBEY ALC/ACT	MT	ARKEL MOT	32	6 TO 10 STOPS
CP	CANOPEN DSP417	MV	MIKEL MIVOX	33	11 TO 15 STOPS
GV	GENCAN	NF	NIDEC F3	52	6 TO 10 STOPS (with floor names)
HY	HYUNDAI STVF	SV	STEP F5021 AS380	54	16 TO 24 STOPS
				55	25 TO 30 STOPS

GV933 - CDD

PANEL SIZE	
7	HALF HEIGHT with endcaps
9	FULL HEIGHT

INDICATOR TYPE	
CDD	LED 16x10 DOTMARIK





731.CDD

732.CDD

733.CDD



CDD
16x10 LED matrix,
emergency light unit
& intercom base

Inside view

CKS31
serial prewired
keyboard

931.CDD

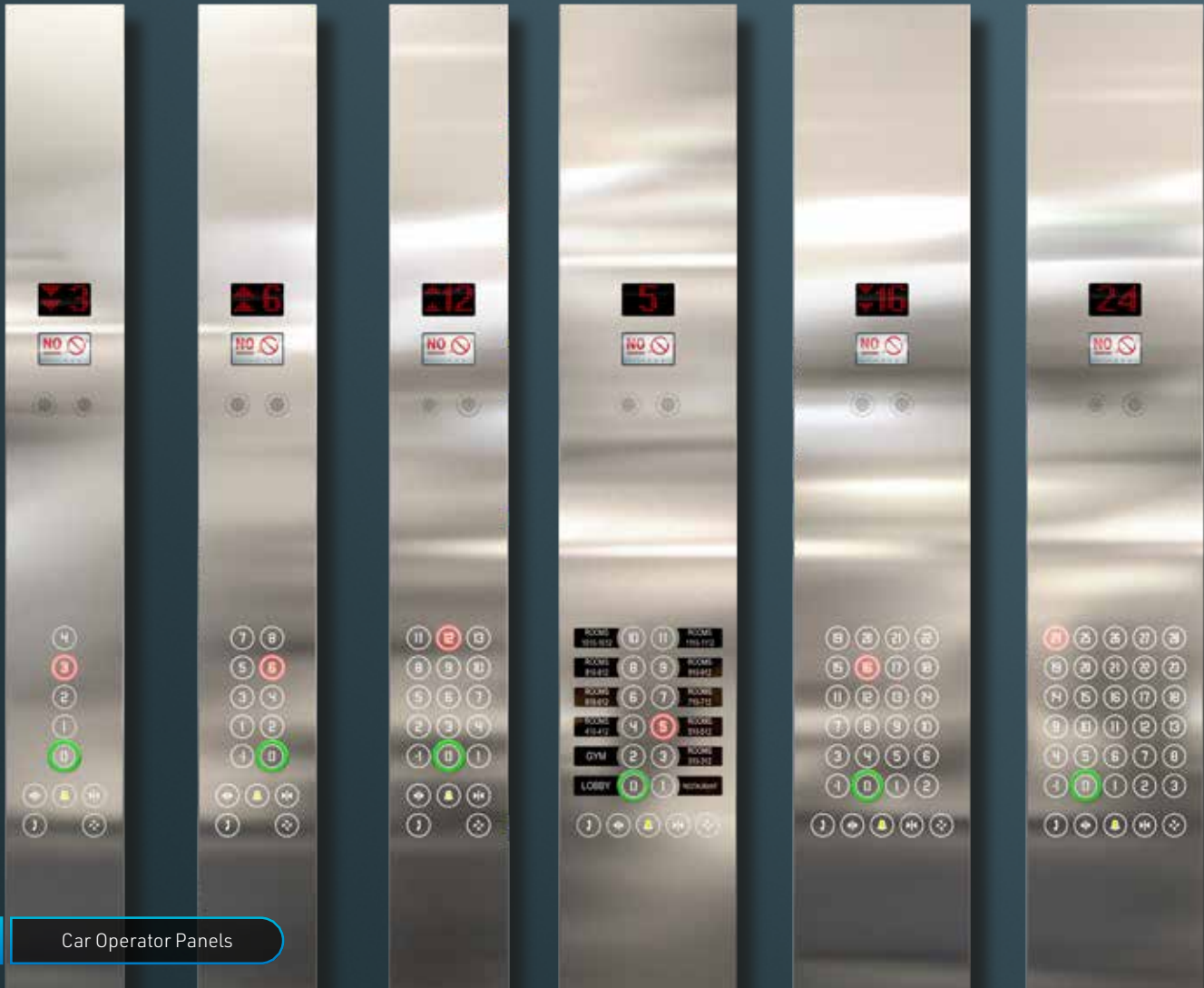
932.CDD

933.CDD

952.CDD

954.CDD

955.CDD



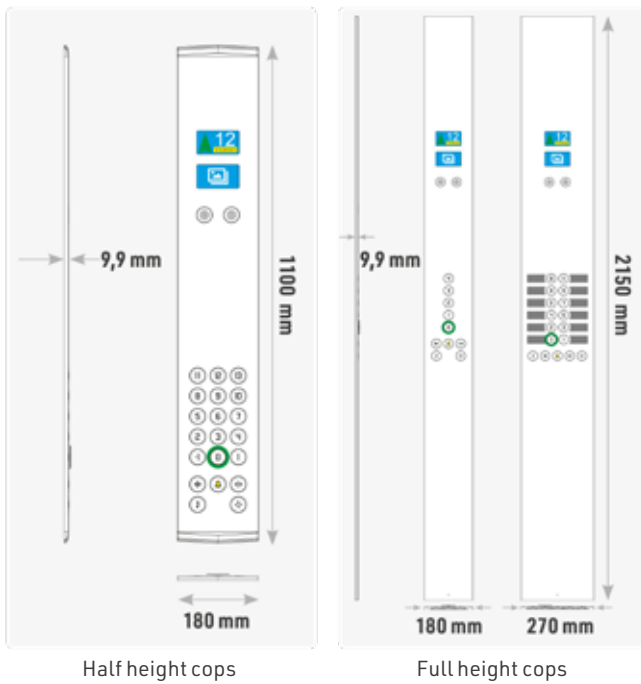
Description

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



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

KEYBOARD TYPE	
31	2 TO 5 STOPS
32	6 TO 10 STOPS
33	11 TO 15 STOPS
3F	DIALPAD (-9 To 99)
52	6 TO 10 STOPS (with floor names)
54	16 TO 24 STOPS
55	25 TO 30 STOPS

AC932 - CT4D

PANEL SIZE	
7	HALF HEIGHT with endcaps
9	FULL HEIGHT

INDICATOR TYPE	
CT4D	TFT COLOR 4,3" DUAL





731.CT4D

732.CT4D

733.CT4D

73F.CT4D



CT4D
Dual 4.3" color TFT
& intercom base

Inside view

CKS31
serial prewired
keyboard

931.CT4D

932.CT4D

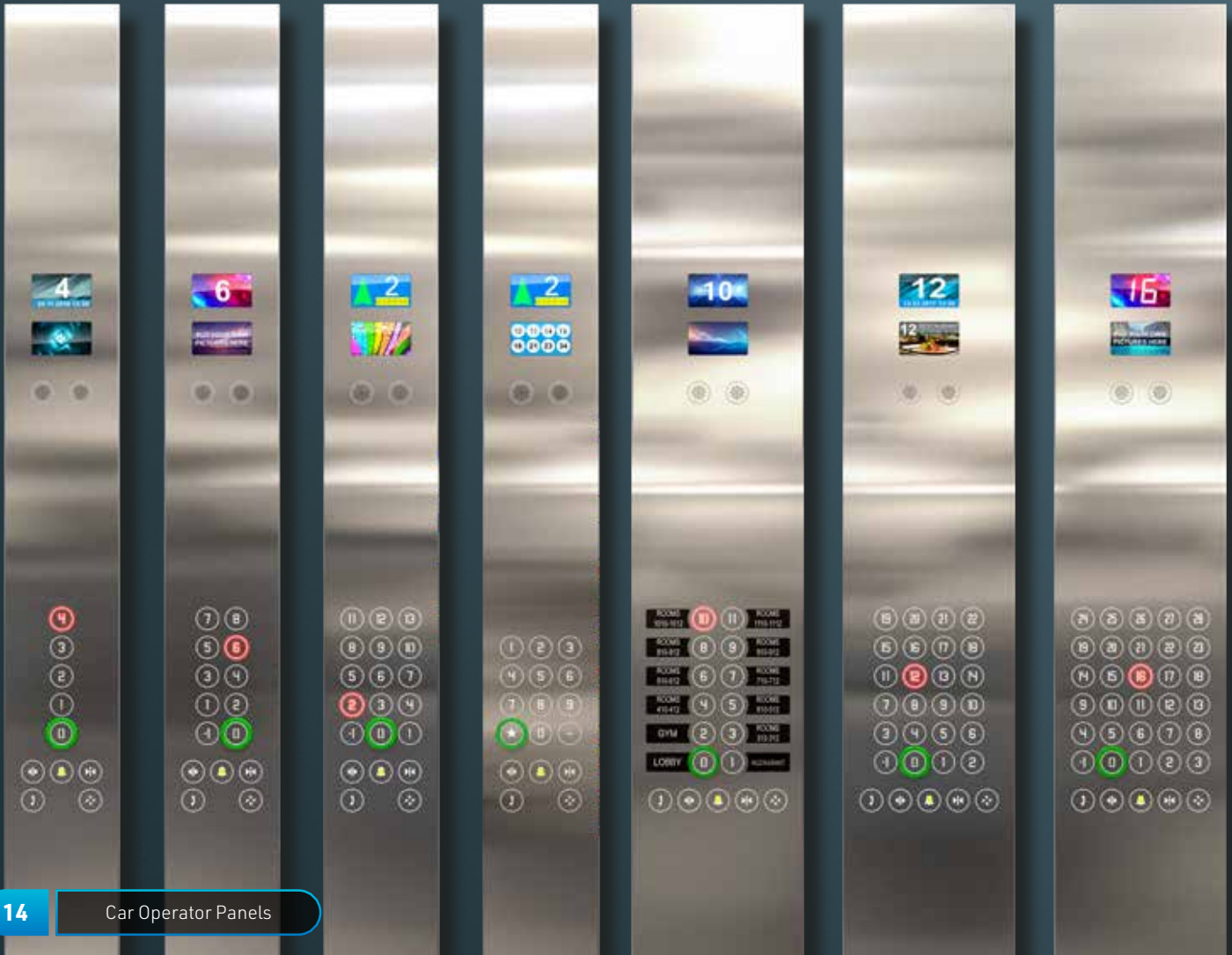
933.CT4D

93F.CT4D

952.CT4D

954.CT4D

955.CT4D



7 SEGMENT, LED MATRIX, 7" COLOR TFT

INTEGRATED FLOOR POSITION AND STATUS INDICATOR

Description

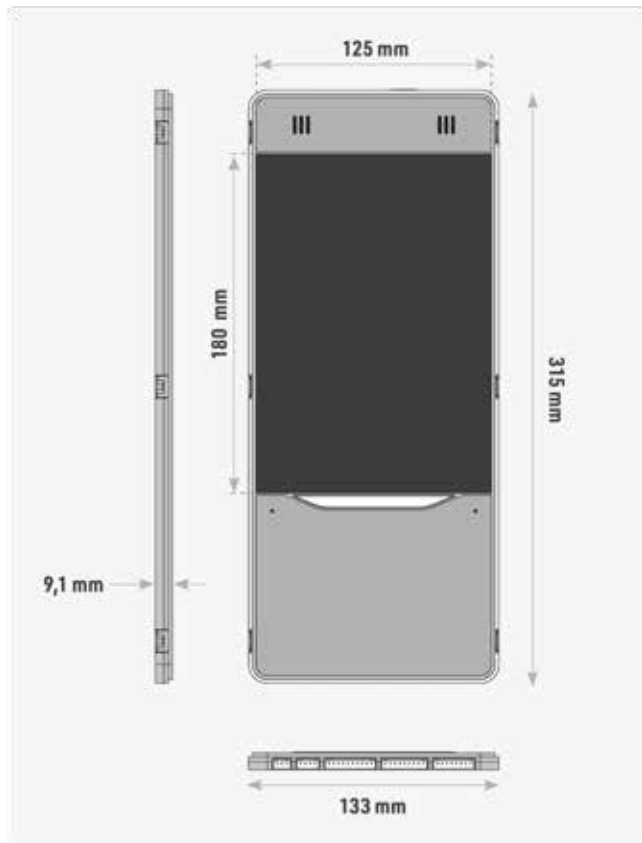
MEGA7 is brand new all in one elevator floor position indicator solution. 24x16 LED matrix, 7 segment LED or 7" color TFT display options available. Compatible with AVOX and EPAK/FUSION car operator panels. The compact design of the indicator module has all the necessary components to comply with EN81-20, EN81-28, EN81-70 standards.

Features

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



Dimensions



MEGA 7

NEW PRODUCT



MEGA7V.DS

LED 7 Segment indicator



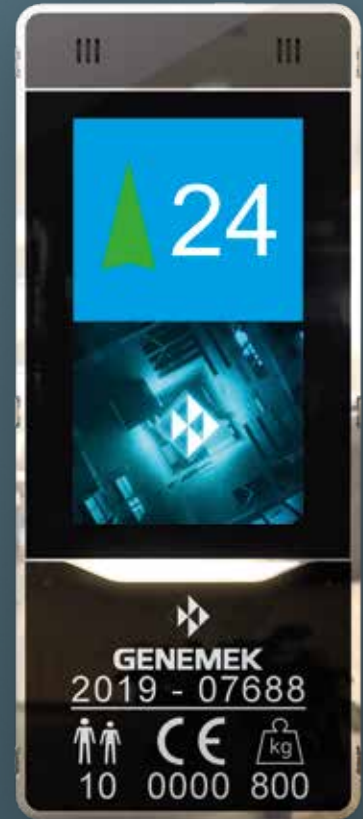
MEGA7V.DM

LED 24x16 LED matrix indicator

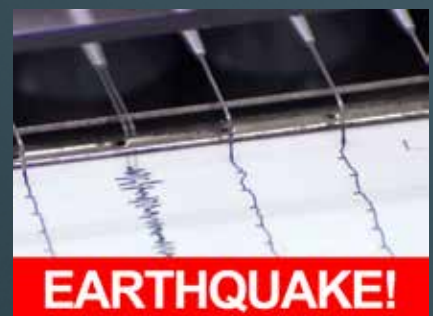


MEGA7V.TFT

7" Color TFT indicator



Video playback on different events and warnings on TFT version



Description

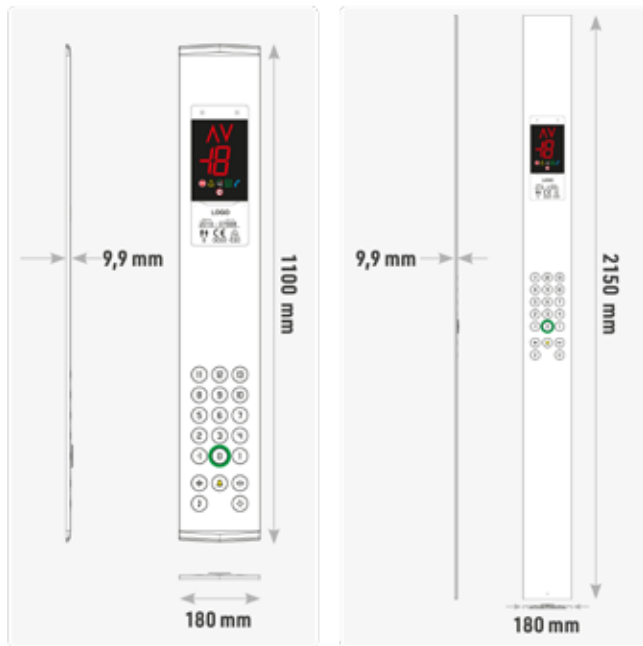
AVOX Car Operator Panels with MEGA7 all in one integrated solution. Entry level economic 7 Segment parallel type connection is used.

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



Half height cops

Full height cops

Ordering Code

COMPATIBILITY		KEYBOARD TYPE	
AV	PARALLEL TYPE	31	2 TO 5 STOPS
		32	6 TO 10 STOPS
		33	11 TO 15 STOPS

AV 7 3 2 - MG 7 V . DS

PANEL SIZE		INDICATOR TYPE	
7	HALF HEIGHT with endcaps	MG7V.DS	MEGA-7, LED 7-SEGMENT
9	FULL HEIGHT		



complying with
EN 202870



NEW PRODUCT



731.MG7V.DS



732.MG7V.DS



733.MG7V.DS



931.MG7V.DS



932.MG7V.DS



933.MG7V.DS

AVOX
&
MEGA
7
DS

Description

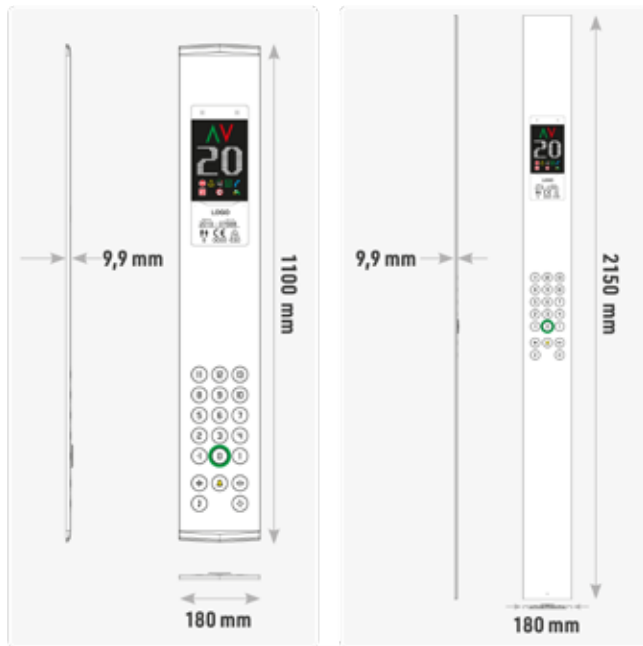
AVOX Car Operator Panels with MEGA7 all in one integrated solution. CANBUS serial type connection is used with LED matrix display.

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



Half height cops

Full height cops

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

KEYBOARD TYPE	
31	2 TO 5 STOPS
32	6 TO 10 STOPS
33	11 TO 15 STOPS

GV 9 3 1 - MG 7 V . DM

PANEL SIZE	
7	HALF HEIGHT with endcaps
9	FULL HEIGHT

INDICATOR TYPE	
MG7V.DM	MEGA-7, 24x16 LED MATRIX



NEW PRODUCT



731.MG7V.DM



732.MG7V.DM



733.MG7V.DM



931.MG7V.DM



932.MG7V.DM



933.MG7V.DM

AVOX
&
MEGA
7
DM

Description

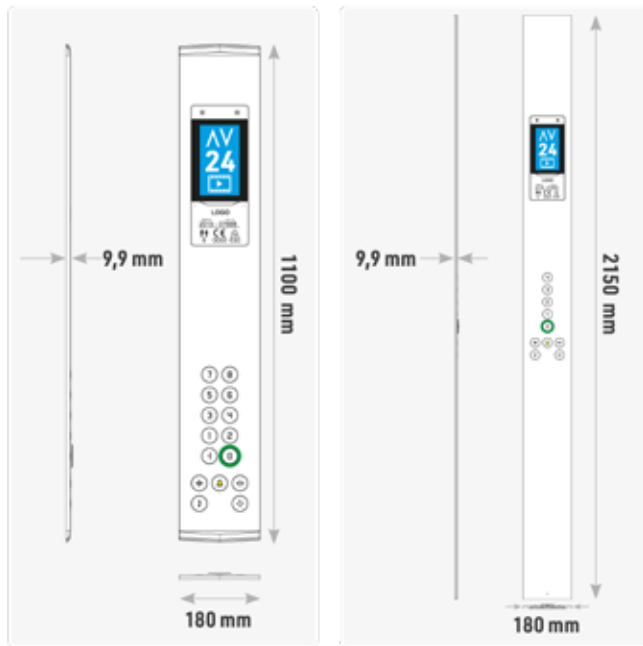
AVOX Car Operator Panels with MEGA7 all in one integrated solution. CANBUS serial type connection is used with 7" color TFT display.

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



Half height cops

Full height cops

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

KEYBOARD TYPE	
31	2 TO 5 STOPS
32	6 TO 10 STOPS
33	11 TO 15 STOPS

GV931 - MG7V . TFT

PANEL SIZE	
7	HALF HEIGHT with endcaps
9	FULL HEIGHT

INDICATOR TYPE	
MG7V.TFT	MEGA-7, 7.0" COLOR TFT



NEW PRODUCT



731.MG7V.TFT

732.MG7V.TFT

733.MG7V.TFT



931.MG7V.TFT

932.MG7V.TFT

933.MG7V.TFT



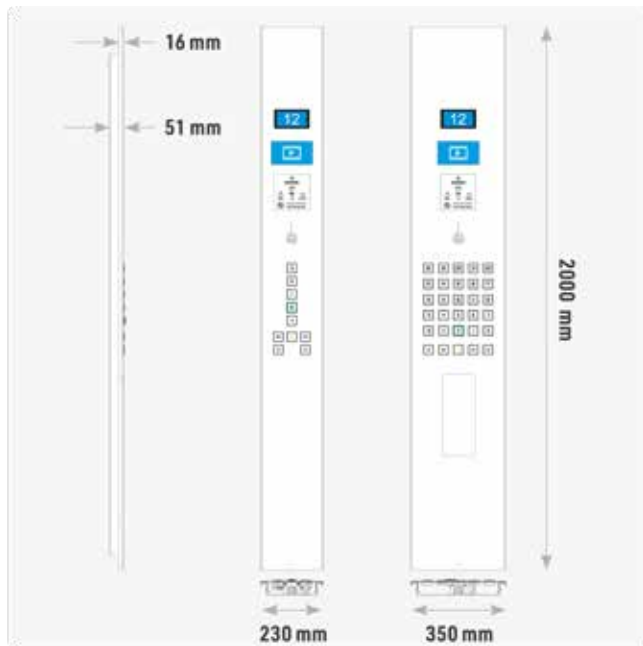
Description

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



EN81-28 icons (optional)

Ordering Code

PANEL SIZE	
9	FULL HEIGHT

KEYBOARD TYPE	
31	2 TO 5 STOPS
32	6 TO 10 STOPS
33	11 TO 15 STOPS
54	16 TO 24 STOPS
55	25 TO 30 STOPS

EP932 - MG7V . DM

MODEL	
EP	EPAK

INDICATOR TYPE	
MG7V.DS	MEGA7-LED 7-segment
MG7V.DM	MEGA7-24x16 LED matrix
MG7V.TFT	MEGA7-7" Color TFT
DX2	Diesel-2 LCD indicator



Telephone booth (optional)



EP931



EP932



EP933



EP954



EP955

EPAK / MEGA7

7 Segment

EP931.MG7V.DS

EP932.MG7V.DS

EP933.MG7V.DS

EP954.MG7V.DS

EP955.MG7V.DS

LED matrix

EP931.MG7V.DM

EP932.MG7V.DM

EP933.MG7V.DM

EP954.MG7V.DM

EP955.MG7V.DM

7" Color TFT

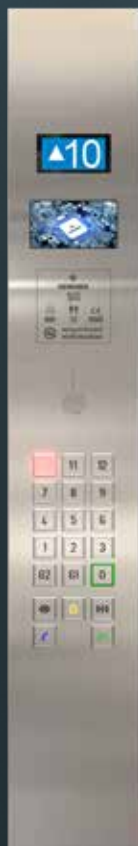
EP931.MG7V.TFT

EP932.MG7V.TFT

EP933.MG7V.TFT

EP954.MG7V.TFT

EP955.MG7V.TFT



EPAK / LCD

EP931.DX2

EP932.DX2

EP933.DX2

EP954.DX2

EP955.DX2

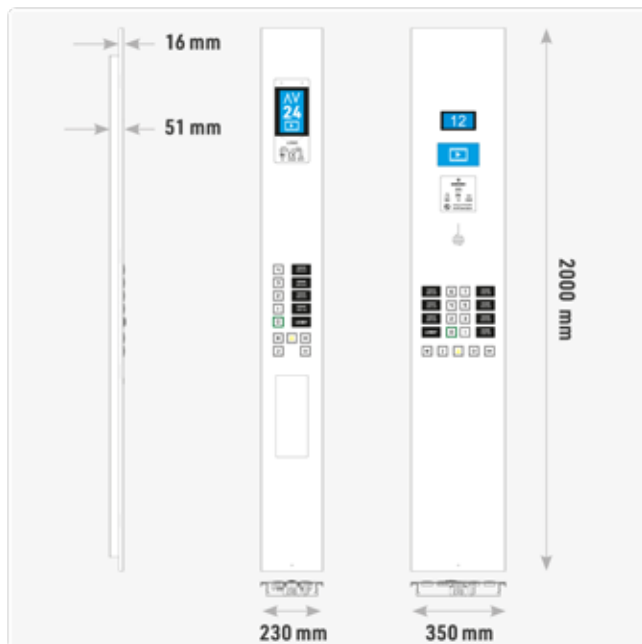
Description

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



Ordering Code

PANEL SIZE		KEYBOARD TYPE	
9	FULL HEIGHT	31	2 TO 5 STOPS (with floor names)
		52	6 TO 10 STOPS (with floor names)

FS952 - MG7V . DS

MODEL		INDICATOR TYPE	
FS	FUSION	MG7V.DS	MEGA7-LED 7-segment
		MG7V.DM	MEGA7-24x16 LED matrix
		MG7V.TFT	MEGA7-7" Color TFT
		DX2	Diesel-2 LCD indicator





FS931



FS952



FS931.DX2



FS952.DX2

FUSION / MEGA7	FS931	FS952
7 Segment	FS931.MG7V.DS	FS952.MG7V.DS
LED matrix	FS931.MG7V.DM	FS952.MG7V.DM
7" Color TFT	FS931.MG7V.TFT	FS952.MG7V.TFT

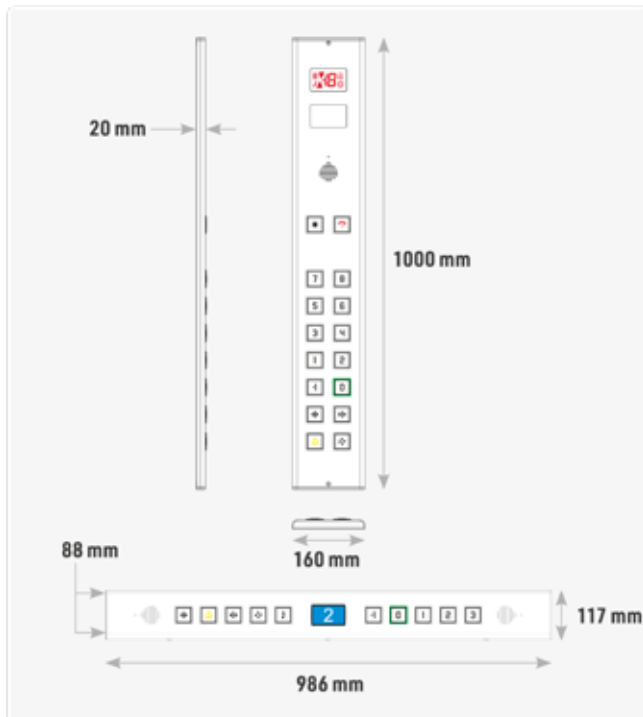
Description

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. QUAD series premium quality push buttons and fixtures are used in MONO car operator panels to make more flexible and robust design, so they can be suitable for most 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 two contacts, timer and blinking lighting
- Decorative surface finishes available

Dimensions



Ordering Code

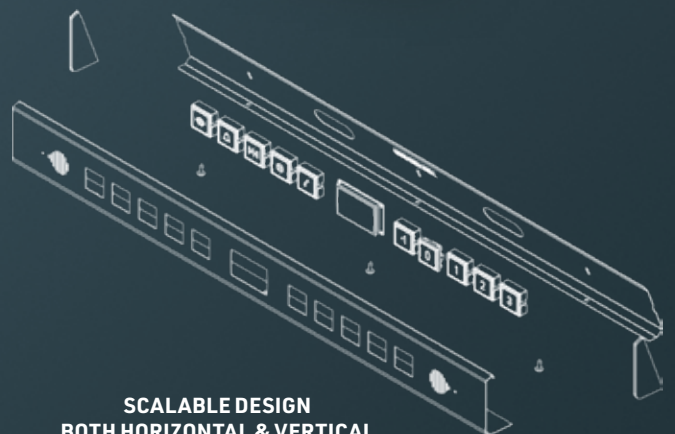
PANEL SIZE	
6	HORIZONTAL
7	VERTICAL - HALF HEIGHT

KEYBOARD TYPE	
22	2 TO 10 STOPS
41	2 TO 5 STOPS

MN 6 4 1 - USM

MODEL	
MN	MONO

INDICATOR TYPE	
DSC	LED 7-SEGMENT, non-prewired
USM	LCD, graphics, ultraslim



SCALABLE DESIGN
BOTH HORIZONTAL & VERTICAL



MN722.DSC

MN641.USM in elevator car



MN641.USM

Description

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

- Size 750x150mm, 985x194mm or custom height
- Up to 12 stops
- Brushed AISI 304L stainless steel framework
- LCD, LED matrix or 7 Segment display options
- Premium quality Quad buttons
- Protrusion of ground landing buttons
- Fan button with timer relay
- Scratch resistant glass covered ID plate

Dimensions



Ordering Code

PANEL SIZE	
7	HALF HEIGHT
9	FULL HEIGHT

KEYBOARD TYPE	
21	2 TO 5 STOPS
22	6 TO 10 STOPS

HR 7 2 2 - DX 2

MODEL	
HR	GULL WING front plate
HS	FLAT front plate

INDICATOR TYPE	
DSC	LED 7-SEGMENT
USM	LCD, graphics, ultraslim
PKD	LED matrix



HR921.DX2

HR721.DX2



HS721.PKD



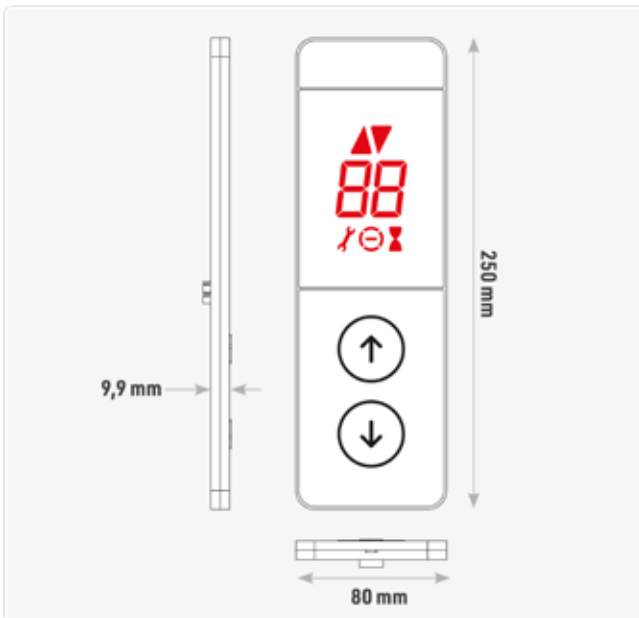
Description

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

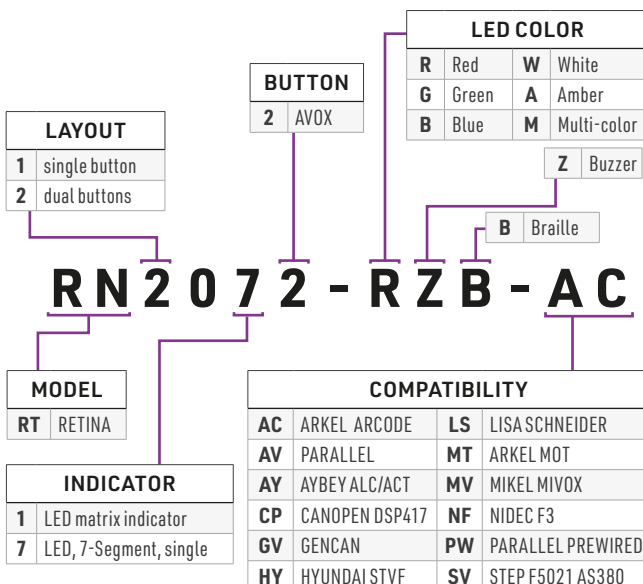
Features

- 9,9 mm thin design, surface mounted
- 7 Segment or LED matrix display indicator
- Parallel & serial prewired systems are supported
- Logo can be printed with laser mark(Optional)

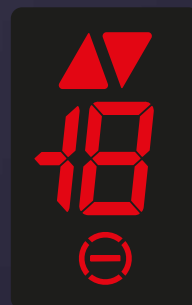
Dimensions



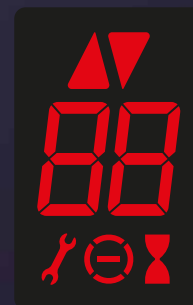
Ordering Code



Display variations



7 Segment (parallel)



7 Segment (serial)



LED matrix (serial)

NEW PRODUCT

RETINA MODELS

80x250mm : door side indicator



Supports -9 to 19 floors

RN1072

7 Segment parallel

RN1272

7 Segment parallel prewired



Supports -9 to 99 floors

RN1072

7 Segment serial prewired



Supports -9 to 99 floors

RN1012

LED matrix serial prewired



Supports -9 to 19 floors

RN1072

7 Segment parallel

RN2272

7 Segment parallel prewired



Supports -9 to 99 floors

RN2072

7 Segment serial prewired



Supports -9 to 99 floors

RN2012

LED matrix serial prewired

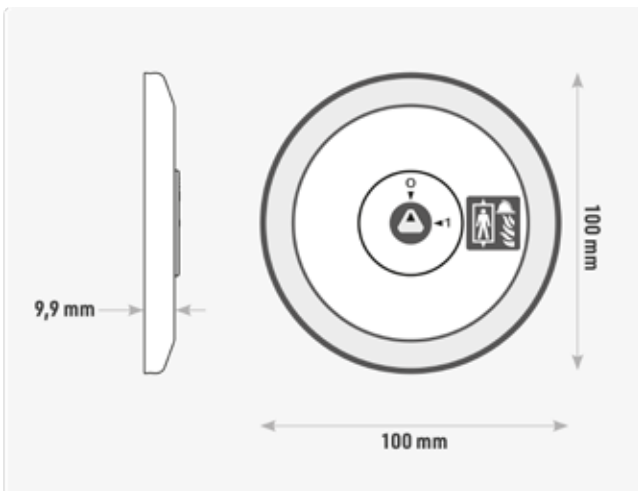
Description

UFO is flawless round shaped surface mounted multi-purpose panel. That can be used as landing indicator, elevator direction indicator, push button housing for any purpose, emergency light unit or administration device for your needs. UFO models are fully compliant with EN81-70 standards. Functionality of wide range of components and aesthetics of perfect circular shape are combined in this model that can be used as landing operator panel themselves or any add-on to your elevator system, even can be used besides elevator industry.

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



Ordering Code

BUTTON FIGURE	
UP	UP arrow
DW	DOWN arrow
UD	UP & DOWN arrow

UF - 1002UP

MODEL
UF UFO

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



UF4070



UF-KSF



UF-1002UD

NEW PRODUCT



faceplate

AVOX button



multi-purpose component compatibility

AV-KSW

AV-KST

AV-EMS



Description

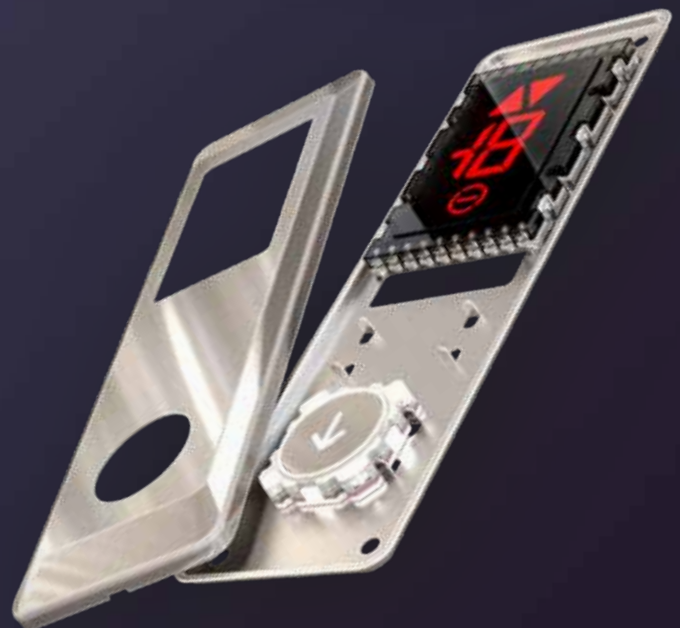
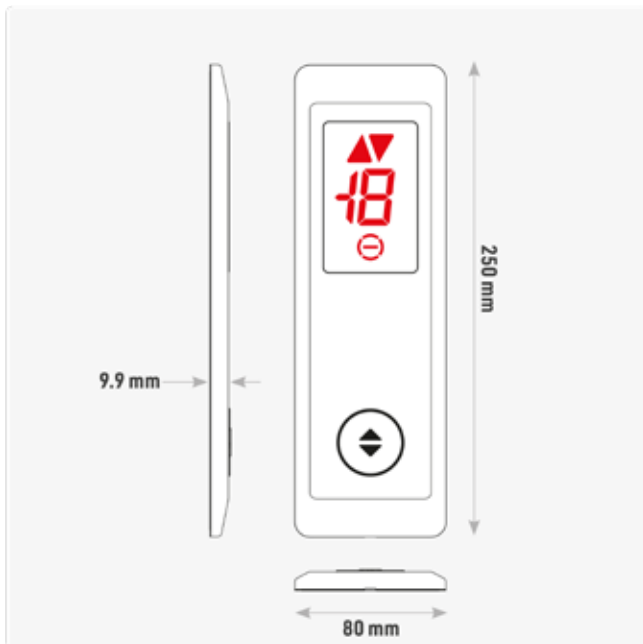
AVOX is ultra thin surface mounted landing operator panel series which is most popular and well-known in our product range. No visible bolts or screws due to smart snap fit design in the front panel. LED indicators and AVOX buttons are used in 9.9 mm slimcase which has tapered down to sides to even make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

Ordering Code

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

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

BUTTON	
2	AVOX

COMPATIBILITY	
AV	PARALLEL, non-prewired

INDICATOR	
7	LED, 7-Segment, single
8	LED, 7-Segment, dual

B	Braille
Z	Buzzer

AV 1 0 7 2 - R Z B

AVOX NON-PREWIRED MODELS

80x250mm : door side operator panels



AV1002



AV2002

80x250mm :
door side indicator



AV3070

250x80mm : door over indicator



AV4070

80x250mm : door side simplex landing operator panels



AV1072



AV2072

150x250mm : door side duplex landing operator panels



AV1082



AV2082

AVOX FEATURE DRIVEN MODELS



AV0600



AV1402-EMS



AV1672

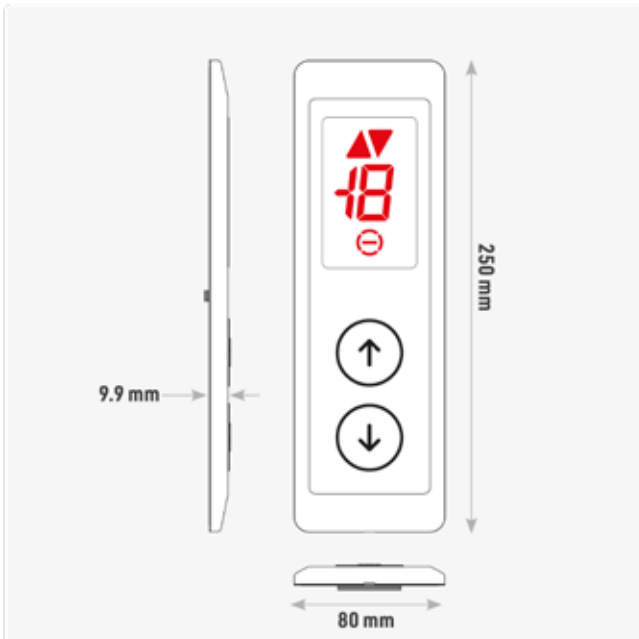
Description

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. Than 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.

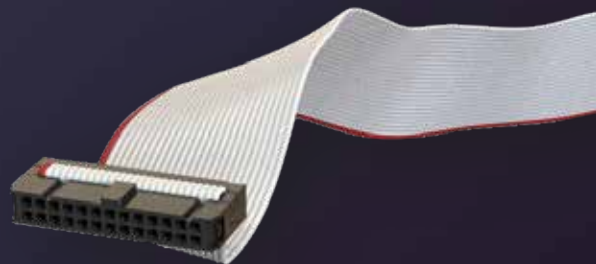
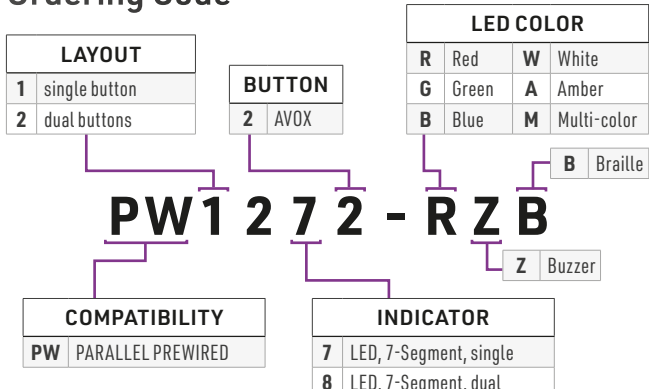
Features

- 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



Ordering Code



Connected via IDC cable

AVOX PARALLEL-PREWIRED MODELS

80x250mm : door side simplex landing operator panels



PW1272



PW2272

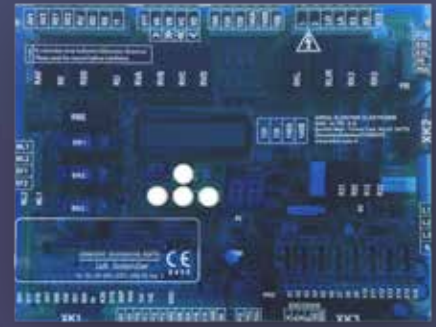
150x250mm : door side duplex landing operator panels



PW1282



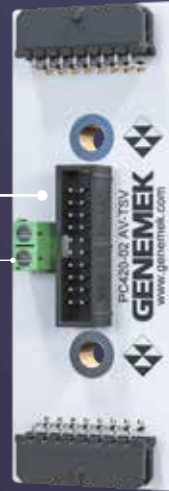
PW2282



Control panel

IDC CABLE

AV-PP2



AV-TSV

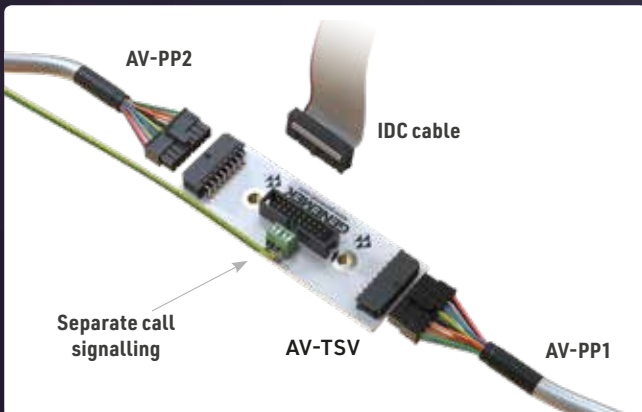
Separate call
signalling

AV-PP1

AV-TSV



IDC cable connection



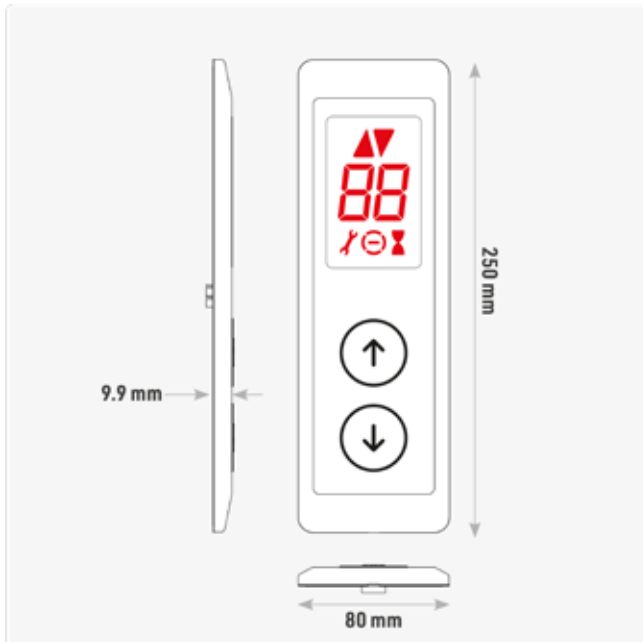
Description

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



Connected via CANBUS cable

Ordering Code

LAYOUT		EXTRAS		LED COLOR	
1	single button	1	White arrows	R	Red
2	dual buttons	2	Led arrow	G	Green
3	door side indicator	3	Axes	B	Blue
4	door over indicator	4	Password	W	White
		5	RFID	A	Amber
		6	Keyswitch	M	Multi-color

BUTTON	
2	AVOX

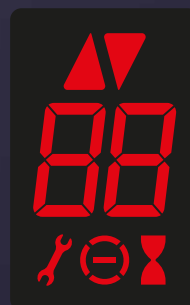
GV 2012 - R Z B

B Braille
Z Buzzer

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

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

Display variations



7 Segment (serial)



LED matrix (serial)



4.3" TFT color (serial)

300x90mm : door over indicators



4110



41B0

90x300mm : door side landing operator panels



10B2



20B2

80x250mm : door side operator panels



1202



2202

80x250mm : door side simplex landing operator panels



1072



2072



1012



2012

150x250mm : door side duplex landing operator panels



1082



2082



1022



2022

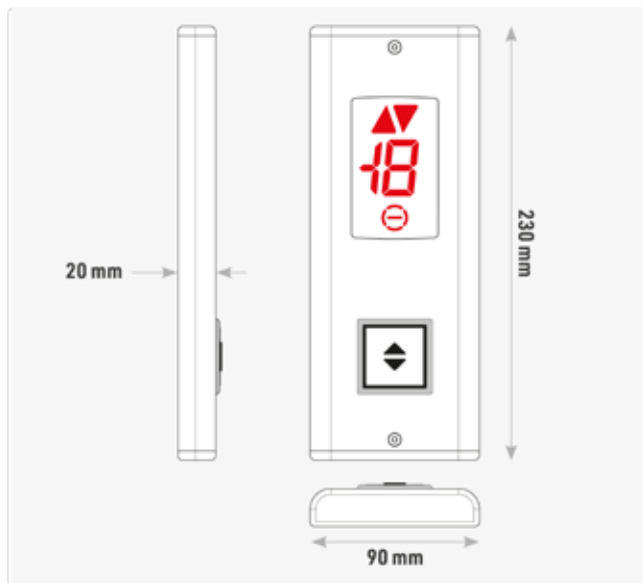
Description

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



Scalable design



Ordering Code

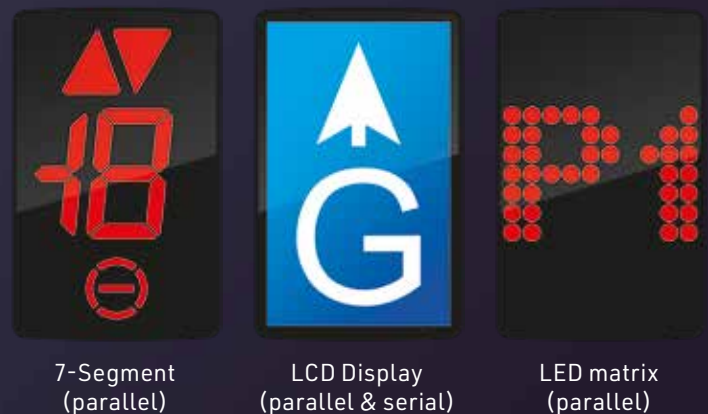
LAYOUT		BUTTON	LED COLOR			
1	single button		R	Red	W	White
2	dual buttons		G	Green	A	Amber
3	door side indicator		B	Blue	M	Multi-color
4	door over indicator			B	Braille	

MN 2 0 7 1 - R Z B

MODEL		INDICATOR
MN	MONO	
		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

Z Buzzer

Display variations



7-Segment (parallel)

LCD Display (parallel & serial)

LED matrix (parallel)

230x90mm : door over indicators



MN4070



MN4030



MN4010

90x230mm : door side indicators



MN3070



MN3030



MN3010

90x180mm : door side operator panels



MN1001



MN2001

90x230mm : door side simplex LOP's



MN1071



MN1031



MN1011

150x280mm : door side duplex LOP's



MN1081



MN1041



MN1021

90x280mm : door side simplex LOP's



MN2071



MN2031



MN2011

150x280mm : door side duplex LOP's



MN2081



MN2041



MN2021

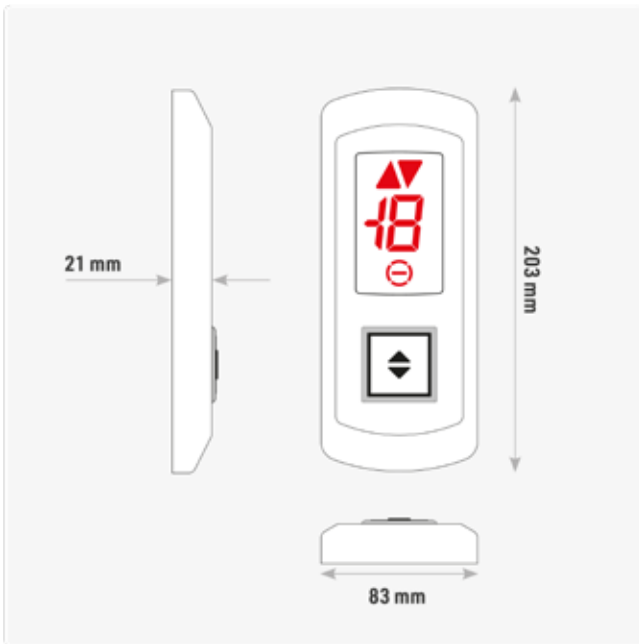
Description

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.

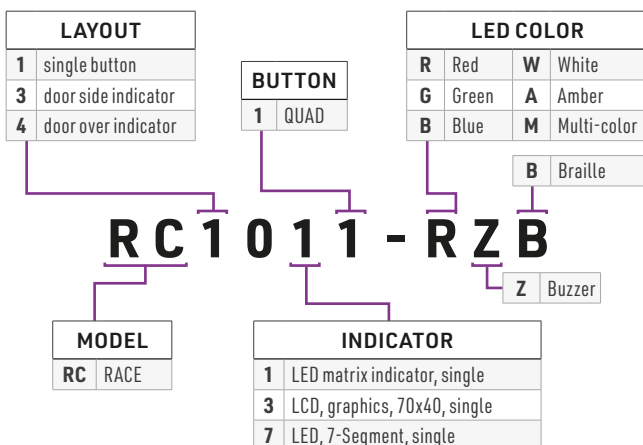
Features

- Surface mounted, now 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



Ordering Code



Display variations



7-Segment (parallel)



LCD Display (parallel & serial)



LED matrix (parallel)

203x83mm : door over indicators

		
RC4070	RC4030	RC4010

83x203mm : door side indicators

		
RC3070	RC3030	RC3010

83x203mm : door side landing operator panels

		
RC1071	RC1031	RC1011

83x203mm : door side operator panels

	
RC1001	RC2001

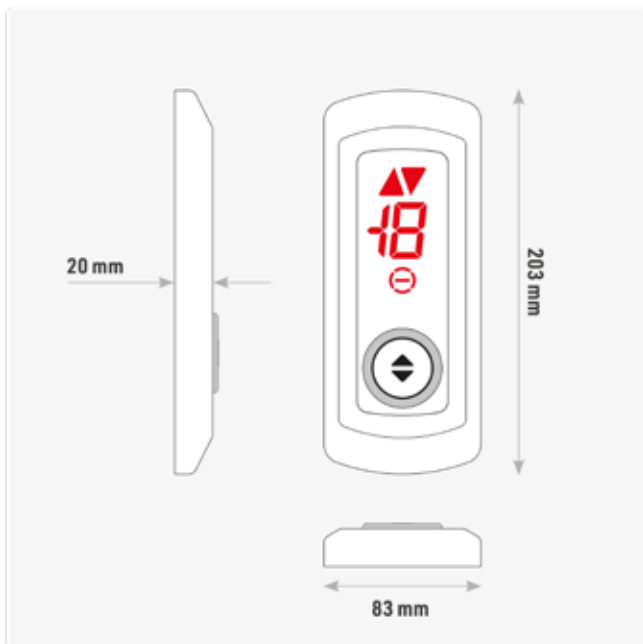
Description

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.

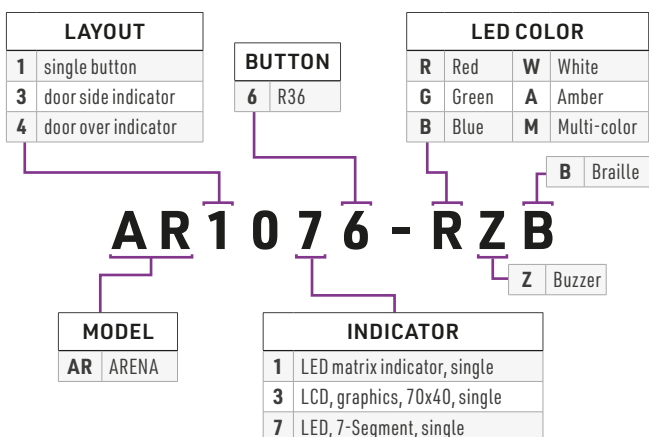
Features

- Surface mounted, now screws for frame fixing
- Chemical and scratch resistant PMMA display glass
- LCD, 7 Segment or LED matrix indicator options
- Decorative surface finishes available

Dimensions



Ordering Code



Display variations



7-Segment (parallel)



LCD Display (parallel & serial)



LED matrix (parallel)

203x83mm : door over indicators

		
AR4070	AR4030	AR4010

83x203mm : door side indicators

		
AR3070	AR3030	AR3010

83x203mm : door side landing operator panels

		
AR1076	AR1036	AR1016

83x203mm : door side operator panels

	
AR1006	AR2006

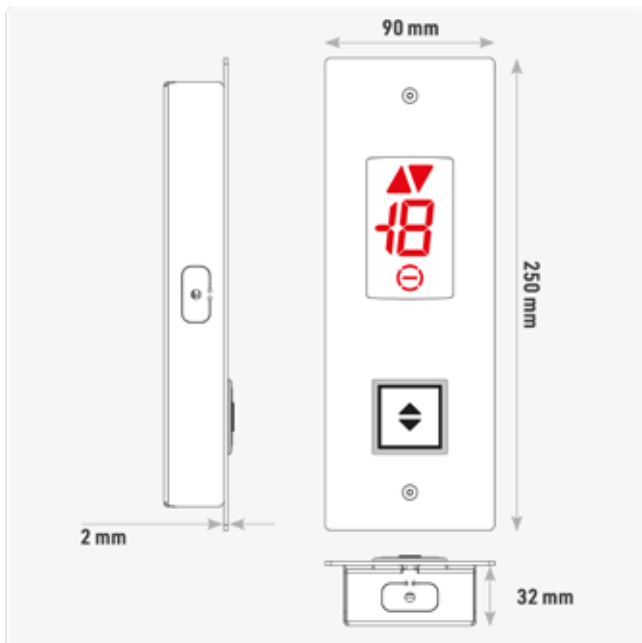
Description

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



2 mm thick steel framework



Ordering Code

LAYOUT		BUTTON		LED COLOR			
1	single button	1	QUAD	R	Red	W	White
2	dual buttons			G	Green	A	Amber
3	door side indicator			B	Blue	M	Multi-color
4	door over indicator					B	Braille

EC 2 0 3 1 - R Z B

MODEL		INDICATOR	
EC	EC	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

Z Buzzer

Display variations



7-Segment (parallel)



LCD Display (parallel & serial)



LED matrix (parallel)

200x90mm : door over indicators



EC4070



EC4030



EC4010

90x200mm : door side indicators



EC3070



EC3030



EC3010

90x200mm : door side operator panels



EC1001



EC2001

90x250mm : door side simplex LOP's



EC1071



EC1031

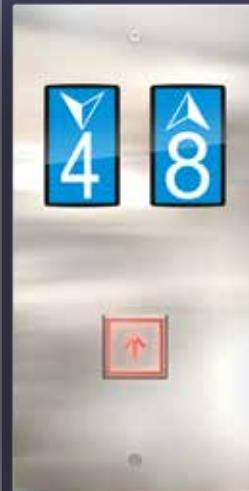


EC1011

150x300mm : door side duplex LOP's



EC1081



EC1041

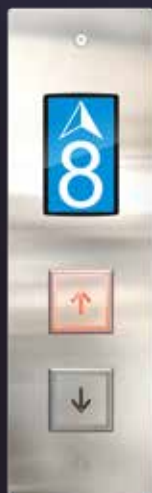


EC1021

90x300mm : door side simplex LOP's



EC2071



EC2031



EC2011

150x300mm : door side duplex LOP's



EC2081



EC2041



EC2021

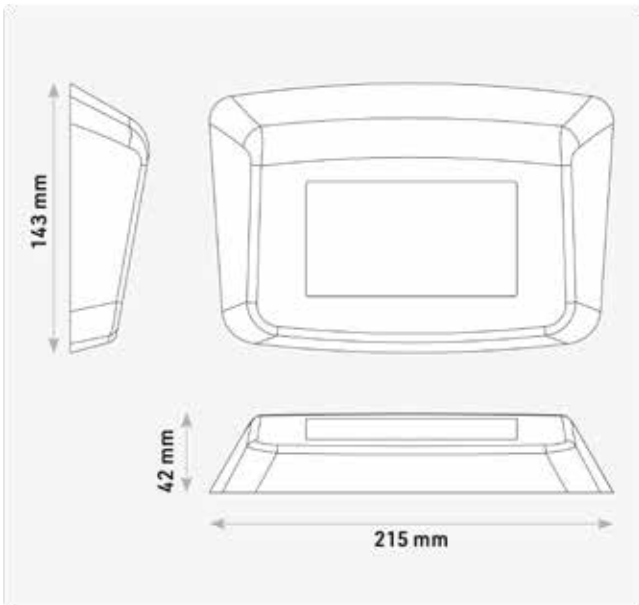
Description

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



RM4050

Available finishes				
Silver brushed (standard)	Gold brushed	Bronze brushed	Champagne brushed	Black brushed
Silver mirror	Gold mirror	Bronze mirror	Champagne mirror	Black mirror

215x143mm : door over indicators



Silver brushed



Silver mirror



Gold brushed



Gold mirror



Bronze brushed



Bronze mirror



Champagne brushed



Champagne mirror



Black brushed



Black mirror

Description

RV-300 is car top box module for elevators to connect car operator panels and other peripheral equipment connect to control panel.

Features

- Analog Voltage Signal Input (AI)
- Internal Battery Charge Circuit

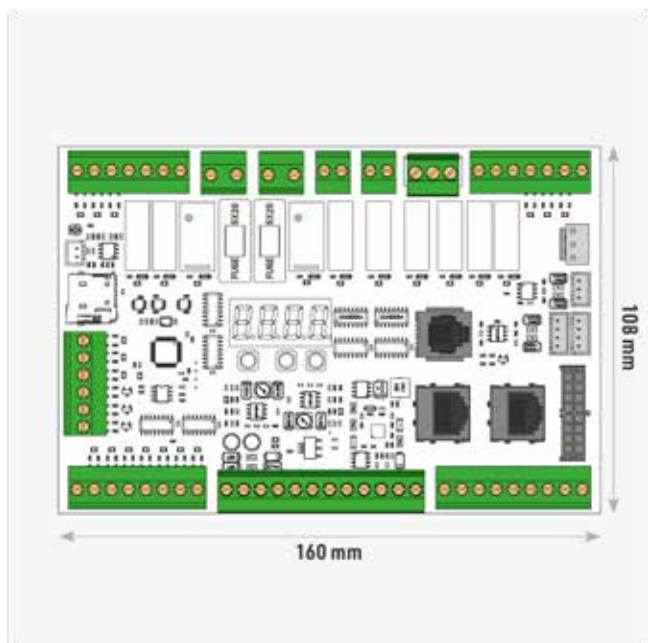
16 Digital Input:

- Front Door Open Limit
- Front Door Close Limit
- Front Door Detect (PhotoCell)
- Rear Door Open Limit
- Rear Door Close Limit
- Rear Door Detect
- Overload
- Full Load
- Minimum Load
- 7x Programmable Input

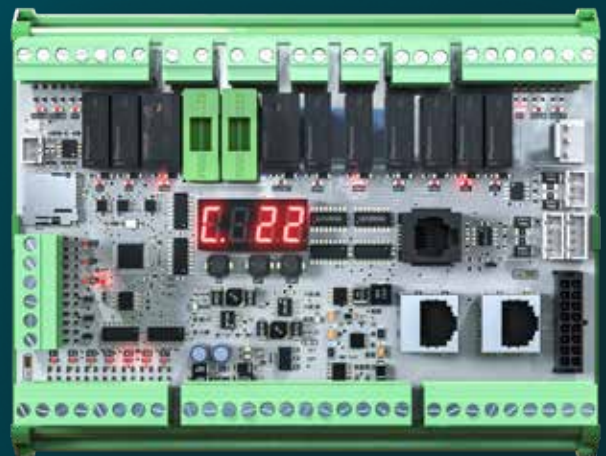
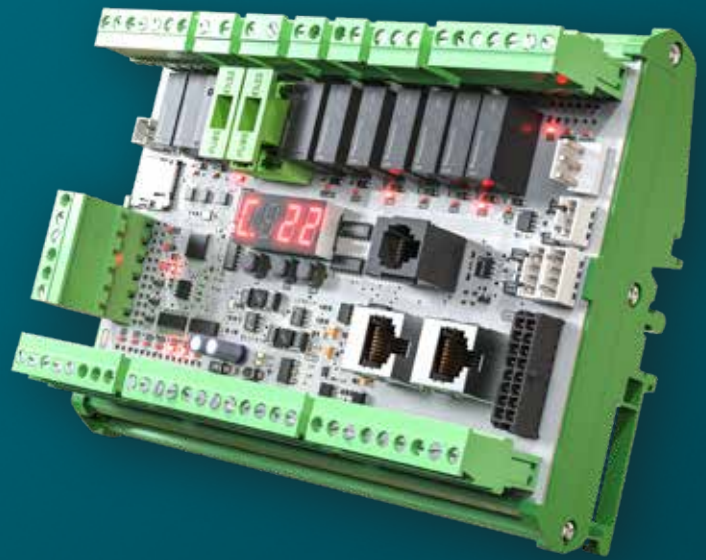
10 Digital Output:

- Front Door Open
- Front Door Close
- Rear Door Open
- Rear Door Close
- Siren
- Car Lamp
- FAN
- Emergency Lamp
- 2x Programmable Output

Dimensions



NEW PRODUCT

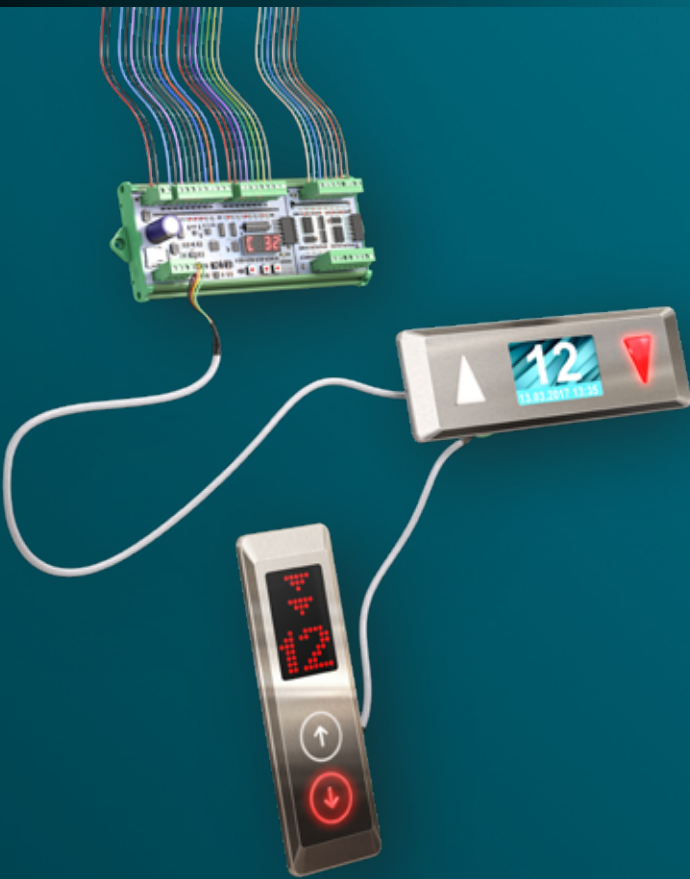


Description

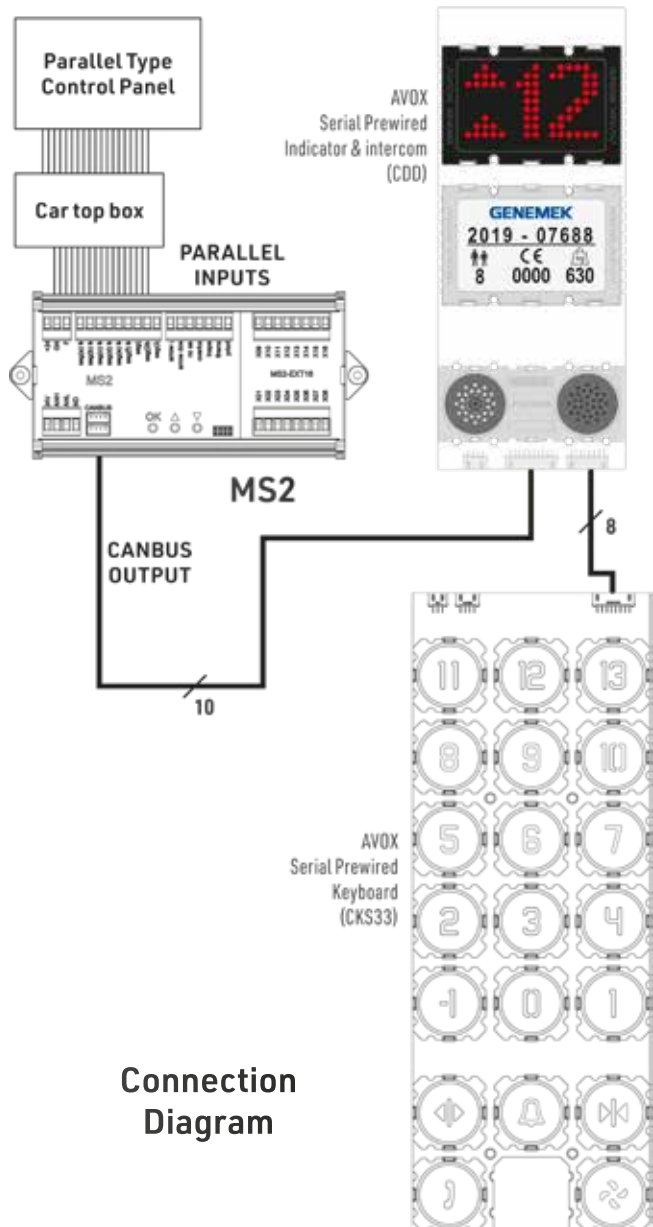
Parallel type controllers are being used more common in worldwide. This restricts the range of modern components to use for repairs & light modernizations significantly. MS-2 is designed & developed to solve this problem by converting elevator's control panel parallel type outputs into serial CANBUS 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)



MS2
parallel to CANBUS converter



Connection Diagram

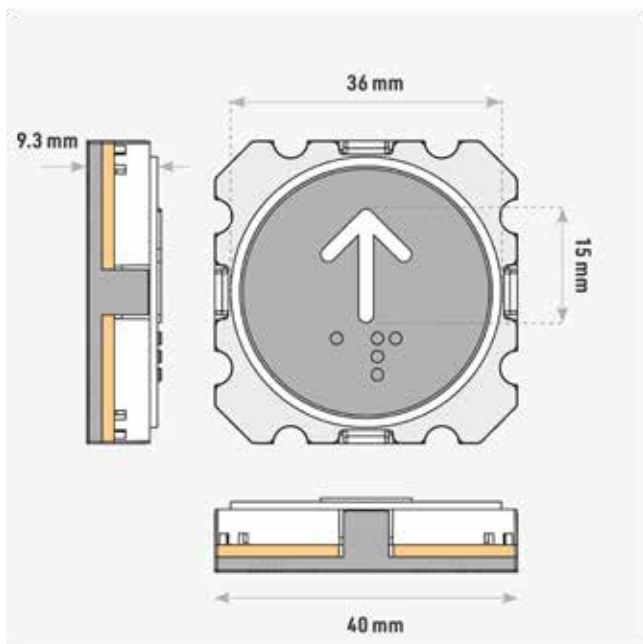
Description

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

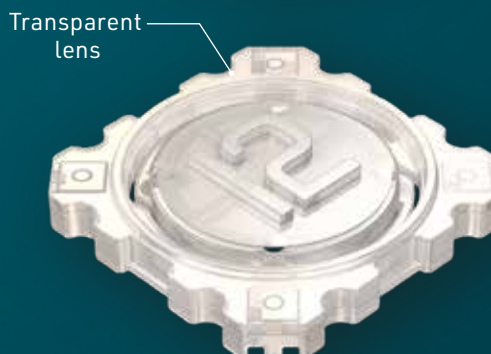
Dimensions



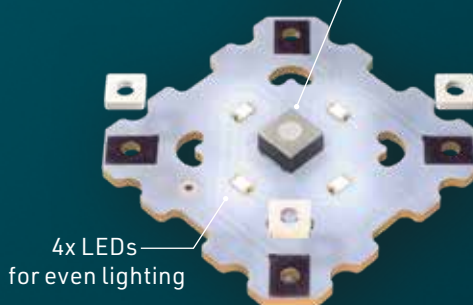
AV-BT



Push plate



High quality tact switch



4x LEDs for even lighting



Locking bracket for easy installation

AVOX BUTTON OPTIONS

AV-BTR single N.O. contact, LED = RED	AV-BBD Braille bumps on push plate (additional)	AV-BTD single N.O. contact, DUAL LED = WHITE/RED	AV-BDC Dual N.O. Contact, no light
AV-BFA Push button, ON/OFF timer with external relay	AV-BER Extruded green ring on exit level button	AV-BNC N.O. + N.C. contacts, LED=RED	AV-BSP Push button, START/STOP with external relay

AVAILABLE FIGURES

NUMBERS										ICONS		
	-1	-2	-3	-4	-5	-6	-7	-8		⏪	🔔	⏩
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				⏸	⏹	⏺	DTM	⋯	STOP

LETTERS

A	B	C	D	E	F	G	L	M	P	R	S	T
U	Z	PB	PH	P1	P2	N5	B1	B2	UG	LT	LG	GF

braille version available

no braille options available

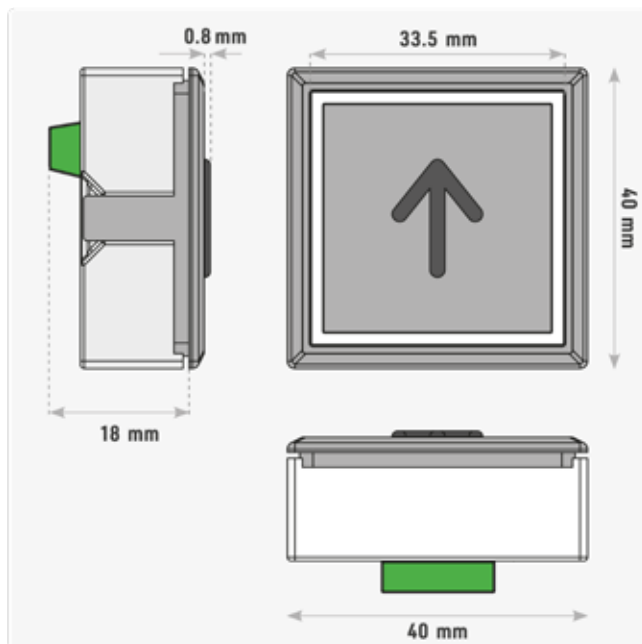
Description

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.

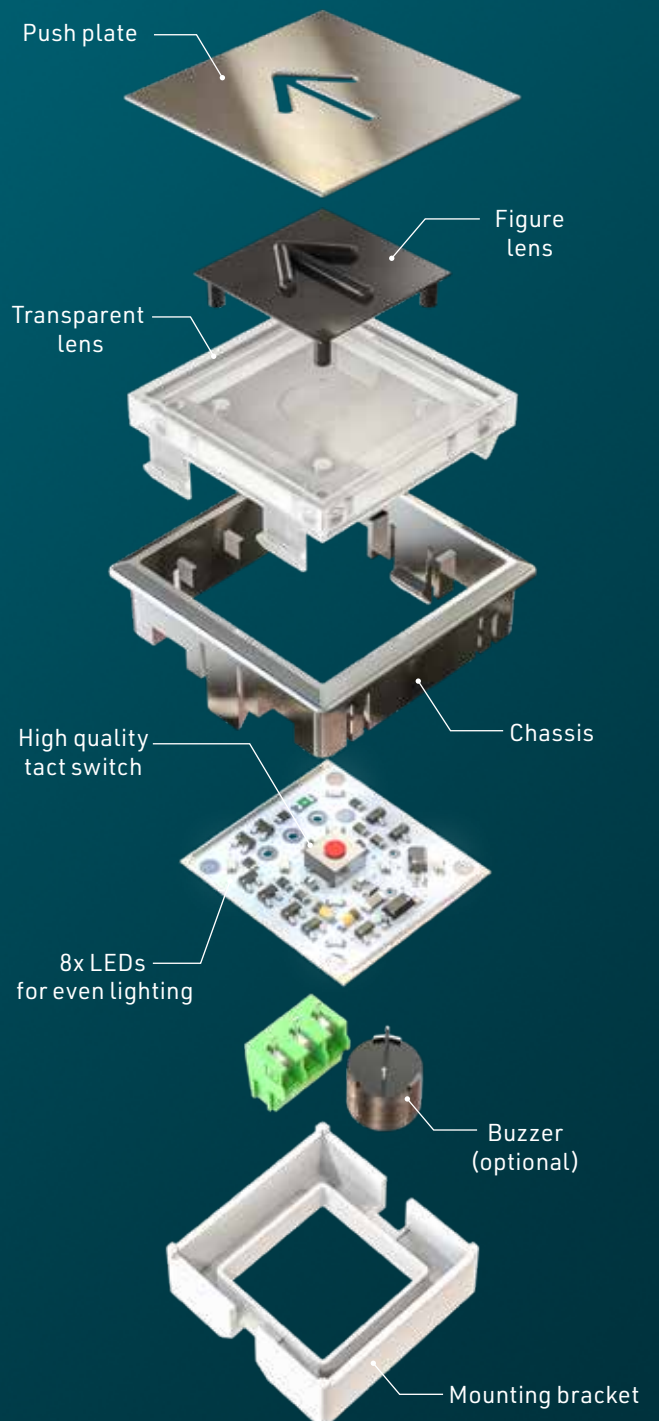
Features

- 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



QD-TEXR



QUAD BUTTON OPTIONS

QD-TEXR protruded figures	QD-ALM dual contact alarm	QD-BR Braille code option	QD-TEXRP green extruded
QD-KSW keyswitch	QD-BFA on/off timer + relay	QD-OVL buzz on overload	QD-DL dual light feature

AVAILABLE FIGURES

NUMBERS										ICONS		
0	-1	-2	-3	-4	-5	-6	-7			⏪	🔔	⏩
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		STP	

LETTERS

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

braille version available

no braille options available

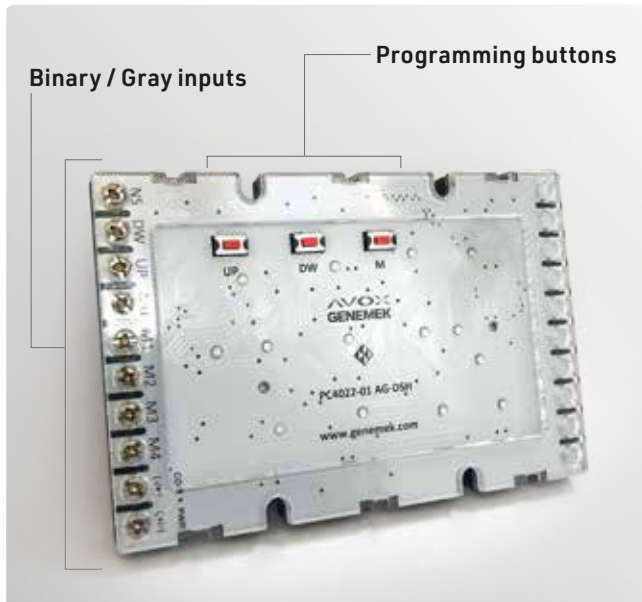
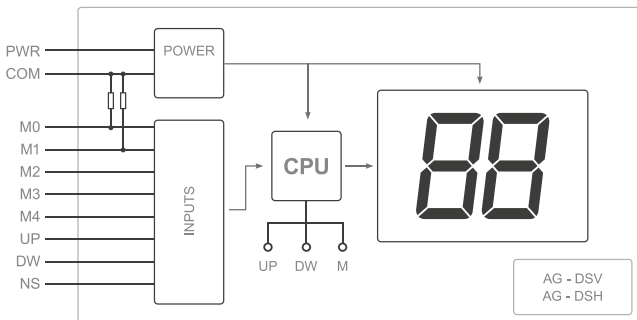
Description

AG-DSH / AG-DSV series 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



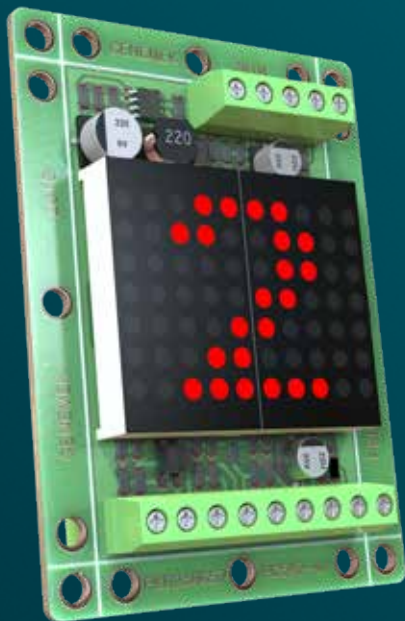
AG-DSV



AG-DSH



AV-DS
7 Segment LED Display



PKD230GS7
LED LED matrix display



PKD230GS7
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

AV-DS variations



AV-DSHR
door over indicator



AV-DSCR
inside car indicator



AV-DDVR
door side indicator



AV-DSAR
door side indicator



AV-DSVR
door side indicator



AV-DSVMB
door side indicator

PKD230GS7

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

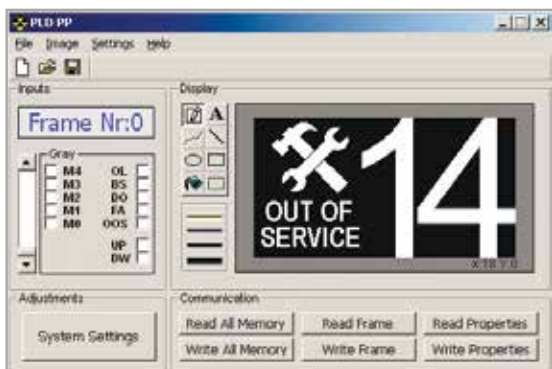
- Resolution 128x64 pixel
- Display size 70x40mm, whole unit size 110x71x14mm
- Operating voltage 12 VDC - 30 VDC
- Overload, busy, door open, fan, no service and additional inputs

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



Programming software

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



Design examples





JUNIOR



ULTRASLIM



DIESEL-2



EXCEL

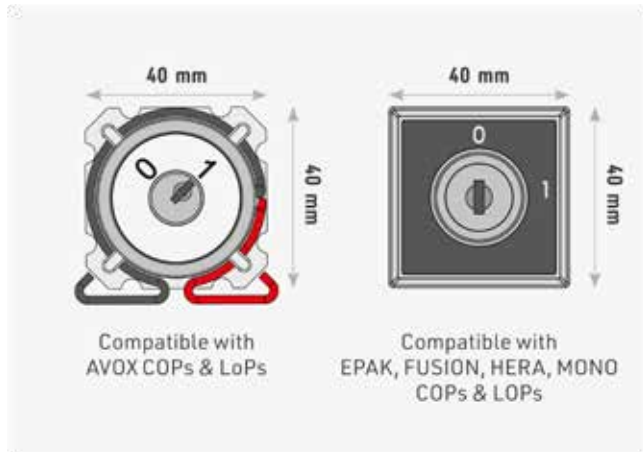
AV-KSW & QD-KSW

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



AV-KSW



QD-KSW

AV-KST

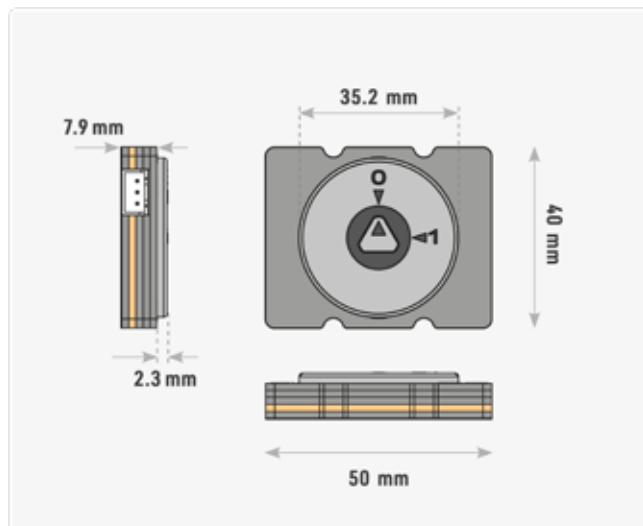
Triangular keyswitch (EN81-72)

- 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



AV-KST

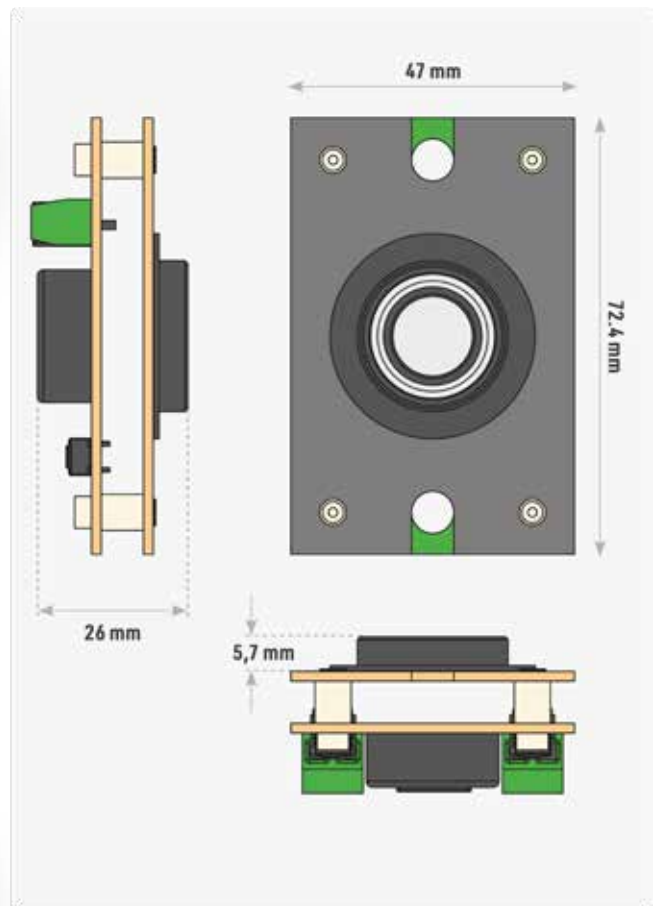
Description

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

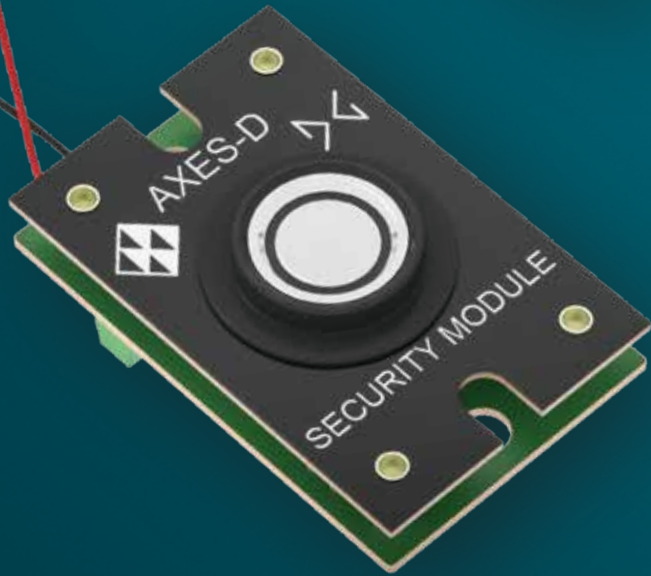
Features

- 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.

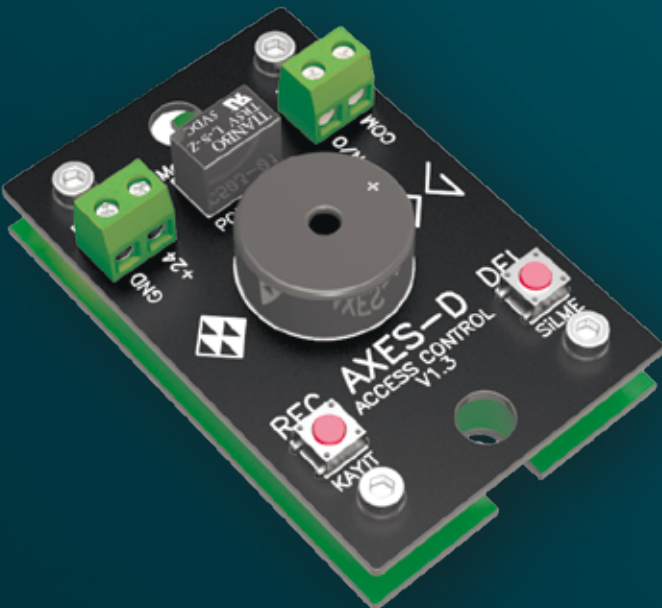
Dimensions



FOB



AXES-D



Back view

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.

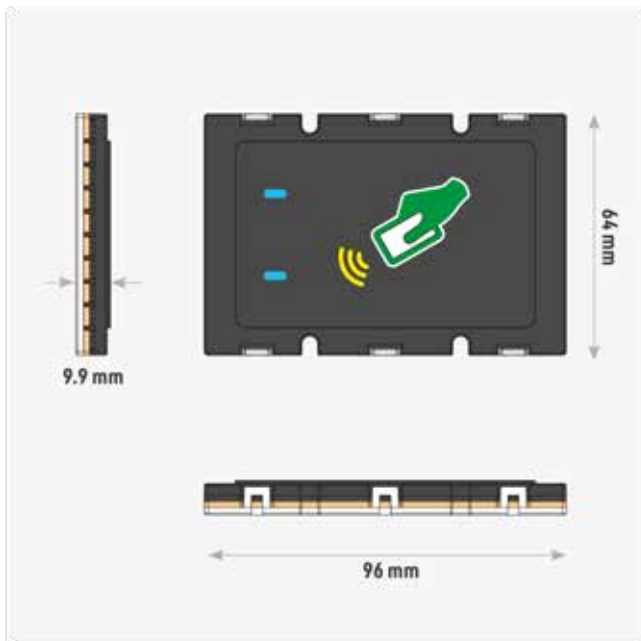
Features

- 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

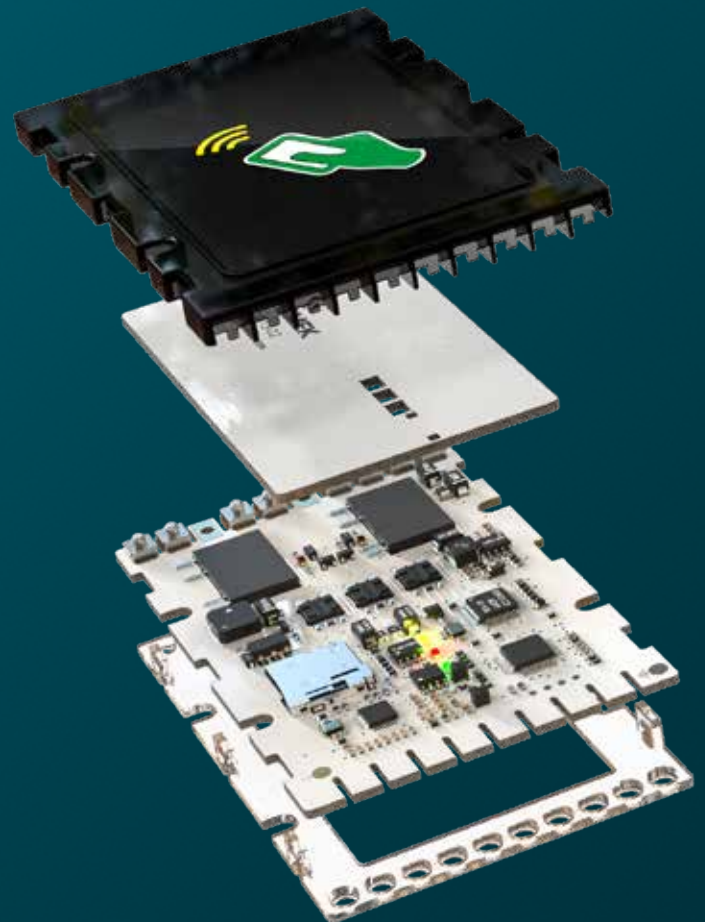
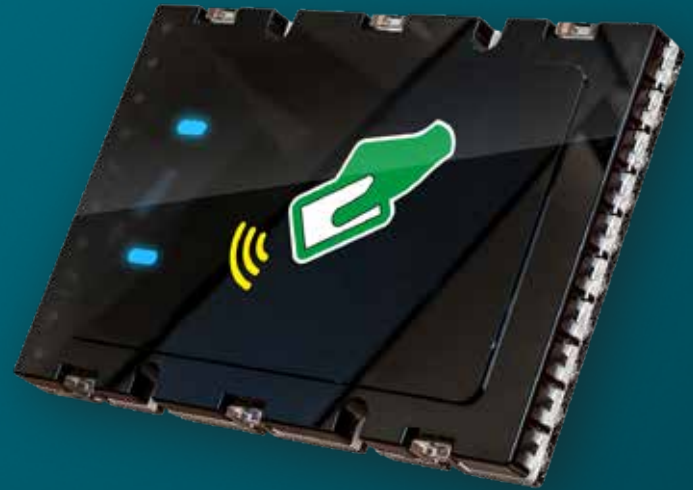
LED LEGEND

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

Dimensions



NEW PRODUCT



EMERGENCY LIGHT UNITS



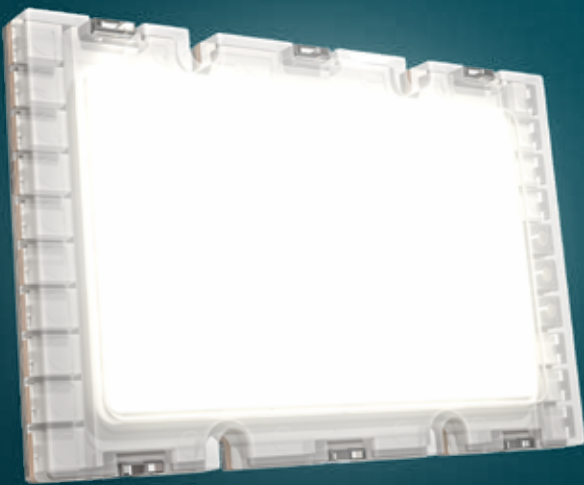
AV-EMS



QD-EMS



AV-EMG



AV-BLT

AV-EMS, QD-EMS, AV-EMG, AV-BLT

EMERGENCY LIGHT UNITS

Description

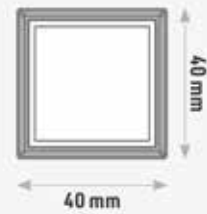
Operation voltage 24 / 12 V. Can be operated by elevator's emergency management system or as an independent set as follows: in normal operation powered by elevator's 24 V mains, when 24 V mains gone uses 12 V battery (external, not included).

Dimensions

AV-EMS
single circular
emergency light



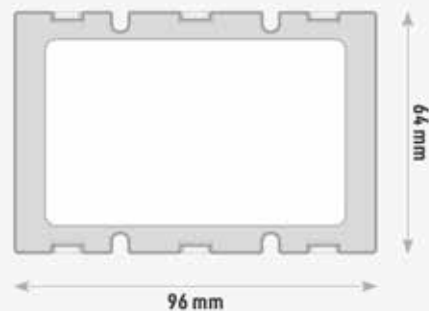
QD-EMS
single square
emergency light



AV-EMG
dual circular emergency light



AV-BLT
rectangle emergency light



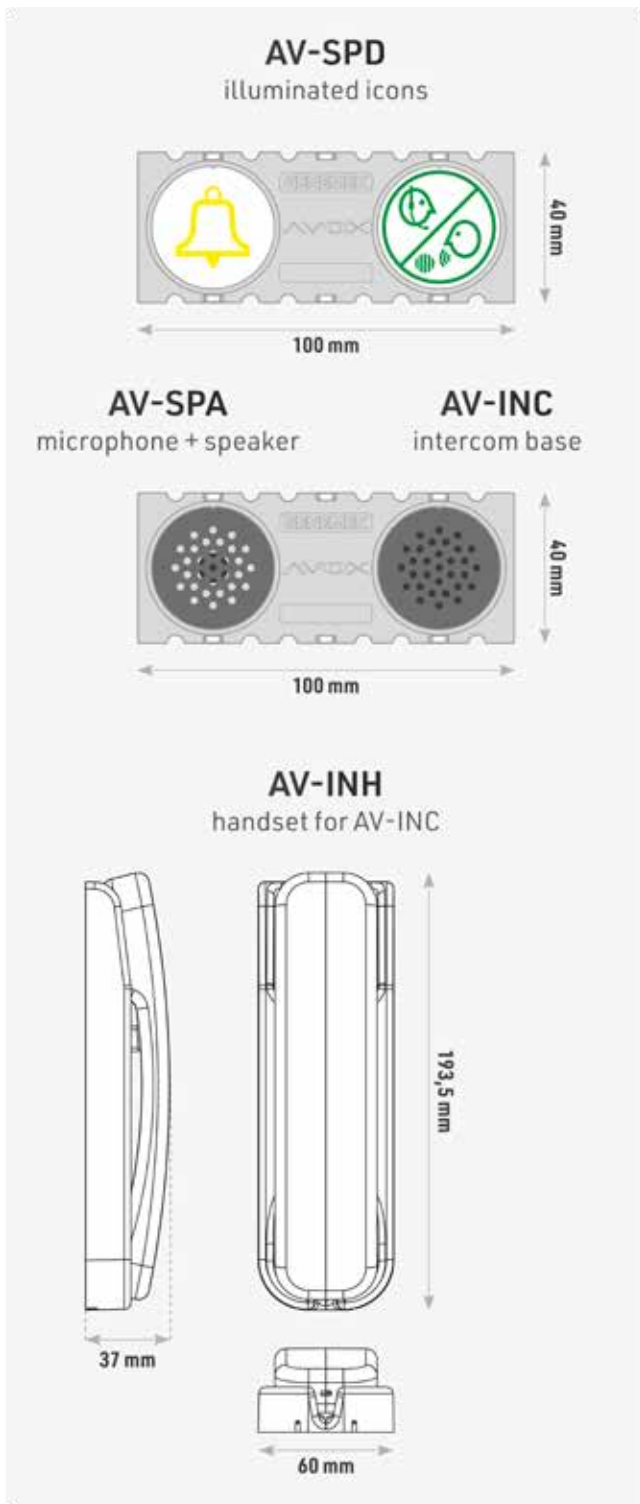
AV-SPD (EN81-28)

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

AV-SPD

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

Dimensions



EMERGENCY EQUIPMENT



AV-SPD



AV-SPA



AV-INC



AV-INH

DECORATIVE DESIGN

Surface finish examples



SILVER

BLACK

CHAMPAGNE

BRONZE

GOLD

AV-DKL
decorative color finish for LOP's

AV-DKC
decorative color finish for COP's

Available surface finishes

				
Silver brushed (standard)	Gold brushed	Bronze brushed	Champagne brushed	Black brushed
				
Silver mirror	Gold mirror	Bronze mirror	Champagne mirror	Black mirror

MARKING & BRANDING



AV-BLH
high contrast printing



AV-BLF
Inkjet color printing



AV-FM2

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.



AV-FMU

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

AV-FM1
Laser marking on LOP





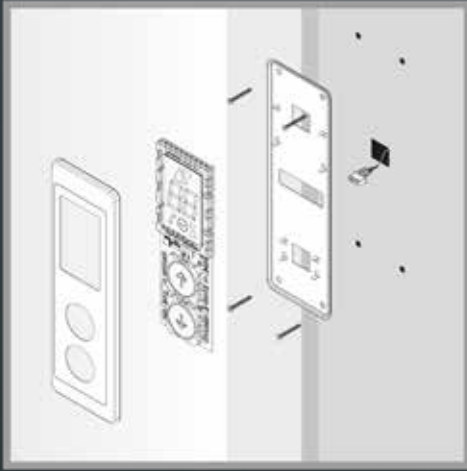
Half height
car operator panels



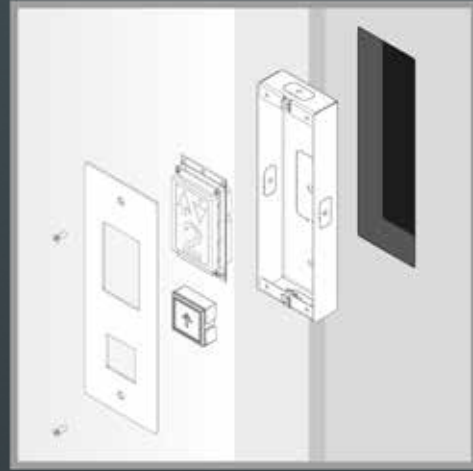
Full height
car operator panels



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