



GENEMEK
PRODUCT CATALOGUE



PRODUCTION FACILITY



CNC MACHINING



DIE SINKER



PLASTIC INJECTION



SHEET METAL PROCESSING



CNC BENDING



LASER CUTTING



AUTOMATIC OPTIC INSPECTION



LARGE SIZE CNC CUTTING



ESD PROTECTED AREA



ELECTRONIC ASSEMBLY LINE



RESEARCH & DEVELOPMENT



QUALITY CHECK



MATERIAL INSPECTION

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GENEMEK



THE GREAT FAMILY ...



...BEHIND THE GREAT PRODUCTS

AV7 - AV9 series

car operator panels



Description











AV7 / AV9 series designed for modernization and new installations. Compatible with a wide range of well-known elevator controllers.

Unique surface mounted design gives flexible and modern look

Features

- 9.9mm surface mounted
- Parallel & Serial connection
- 2-30 stops (up to 99 stops via F keyboard)
- EN 81-70, EN 81-28 compliant
- Versatile, cost-effective, flexible design

Available finishes

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

Ordering Code

PANEL SIZE	
7	HALF HEIGHT with endcaps
9	FULL HEIGHT

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


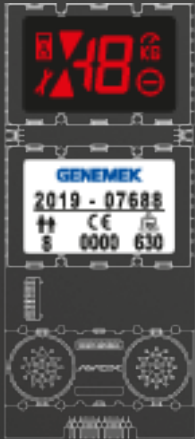
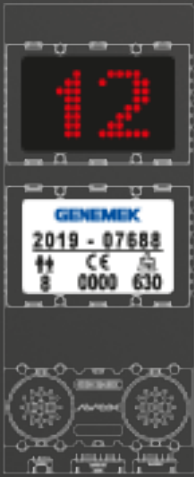

GV732 - CDD

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




INDICATOR TYPE	
CDD	LED 16x10 DOTMARIX
CT4D	TFT COLOR 4,3" DUAL
CTP7	TFT COLOR 7,0" PETRA
DSC	LED 7-SEGMENT, non-prewired
CSP	LED 7-SEGMENT, prewired
MG7V.DS	MEGA-7, LED 7-SEGMENT
MG7V.DM	MEGA-7, LED 24x16 DOTMARIX
MG7V.TFT	MEGA-7, 7,0" COLOR TFT



standard indicator variations

DSC	CSP	CDD	CT4D
			
7-Segment (Non-prewired)	7-Segment (prewired)	16x10 LED Dotmatrix	Dual 4.3" Color TFT

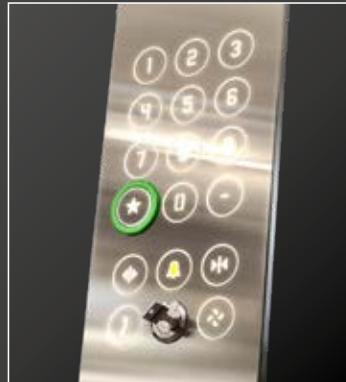
large scale indicators

MEGA7		
		
MEGA7V.DS 7-Segment LED	MEGA7V.DM 24x16 LED Dotmatrix	MEGA7V.TFT 7"Color TFT



Keyboard with floor names
(270mm wide AV9 models only)

Dialpad keyboard
(CT4D models only)

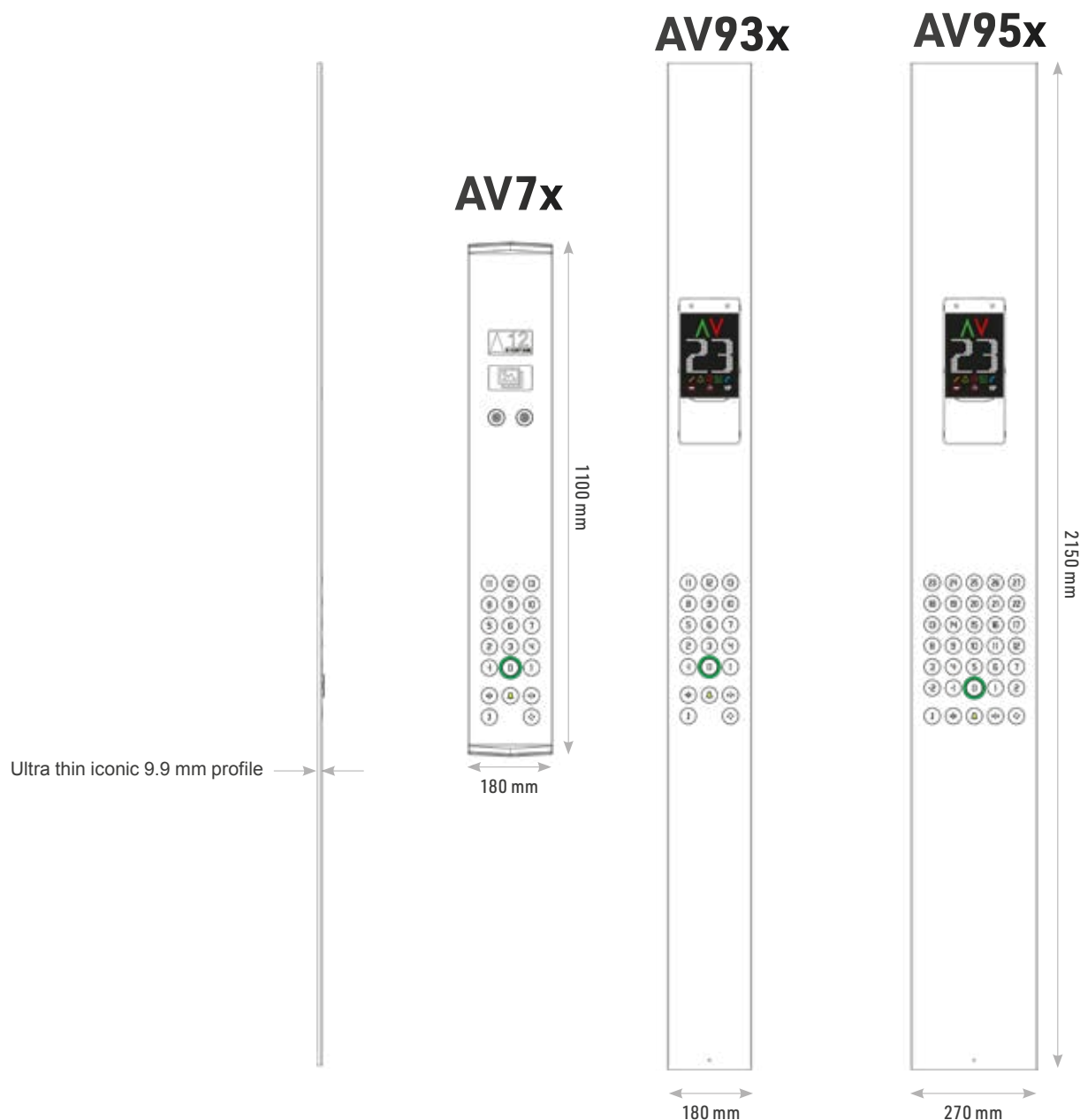


AV7 - AV9 180mm wide button layouts

<p>31 3 function & 1 Column</p>	<p>32 3 function & 2 Column</p>	<p>33 3 function & 3 Column</p>	<p>3F 3 function & Floor dialpad</p>
<p>52 5 function & 2 Column with floor destinations</p>	<p>54 5 function & 4 Column</p>	<p>55 5 function & 5 Column</p>	

AV95 270mm wide button layouts





MODEL TABLE		POSITION INDICATORS						
		DSC	CSP	CDD	CT4D	MG7V.DS	MG7V.DM	MG7V.TFT
KEYBOARD LAYOUTS	31	731.DSC	731.CSP	731.CDD	731.CT4D	731.MG7V.DS	731.MG7V.DM	731.MG7V.TFT
		931.DSC	731.CSP	931.CDD	931.CT4D	931.MG7V.DS	931.MG7V.DM	931.MG7V.TFT
	32	732.DSC	732.CSP	732.CDD	732.CT4D	732.MG7V.DS	732.MG7V.DM	732.MG7V.TFT
		932.DSC	932.CSP	932.CDD	932.CT4D	932.MG7V.DS	932.MG7V.DM	932.MG7V.TFT
	33	733.DSC	733.CSP	733.CDD	733.CT4D	733.MG7V.DS	733.MG7V.DM	733.MG7V.TFT
		933.DSC	933.CSP	933.CDD	933.CT4D	933.MG7V.DS	933.MG7V.DM	933.MG7V.TFT
	3F	-	-	-	73F.CT4D	-	-	-
		-	-	-	93F.CT4D	-	-	-
	52	-	-	952.CDD	952.CT4D	952.MG7V.DS	952.MG7V.DM	952.MG7V.TFT
	54	-	-	954.CDD	954.CT4D	954.MG7V.DS	954.MG7V.DM	954.MG7V.TFT
	55	-	-	955.CDD	955.CT4D	955.MG7V.DS	955.MG7V.DM	955.MG7V.TFT

*contact your sales representatives for custom made design for your project needs.

DSC Indicators

Parallel 7-Segment, non-prewired COP's

Description

AV7 / AV9 series designed for modernization and new installations.

This is an entry-level economic solution, suitable for home lifts and residential elevators.

Unique surface mounted design gives flexible and modern look.

Features

- 9.9mm surface mounted
- Parallel type connection
- 2-15 stops
- EN 81-70, EN81-28 compliant
- Versatile, cost-effective, flexible design



PARALLEL TYPE
CAR OPERATOR PANELS

AVOX



731.DSC



732.DSC



733.DSC



931.DSC



932.DSC



933.DSC

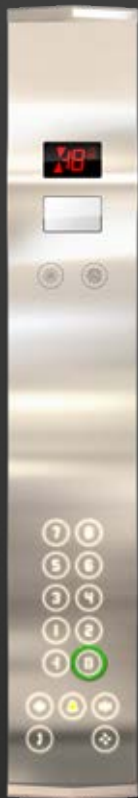
CSP Indicators

Parallel 7-Segment, prewired COP's

Parallel prewired COP's are time saving solution for parallel control panels. Prewired products offer tidy and simple cable installation in shaft as well as time and labor saving.



731.CSP



732.CSP



733.CSP



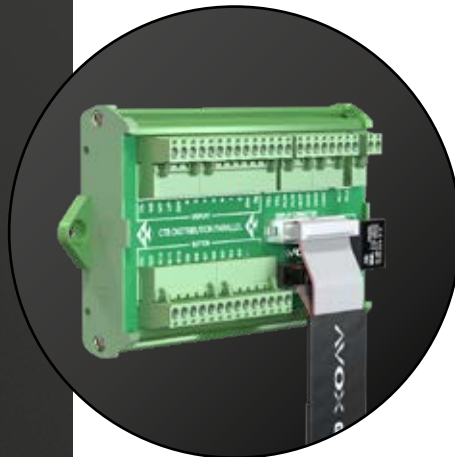
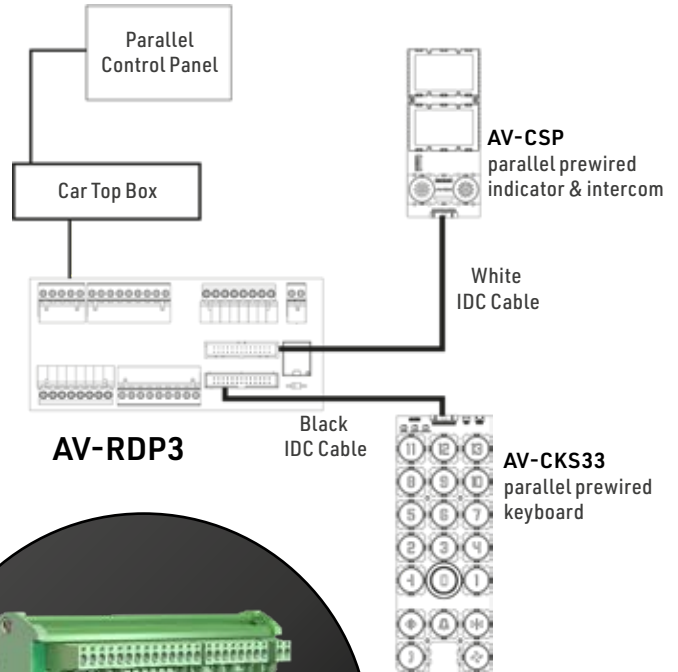
931.CSP



932.CSP



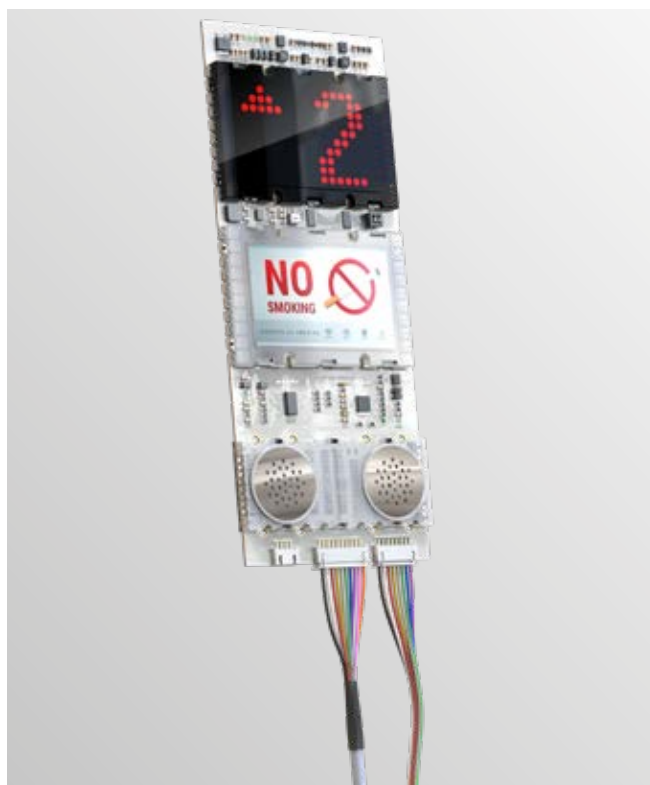
933.CSP



CDD Indicators

CANBUS dotmatrix display COP's

Serial driven car operator panels. Easy connection of indicator and buttons via single cable.



SERIAL PREWIRED
CAR OPERATOR PANELS

AVOX



731.CSP



732.CSP



733.CSP



931.CDD



932.CDD



933.CDD



952.CDD



954.CDD



955.CDD

CT4D Indicators

DUAL 4,3" Color TFT indicators

Serial driven car operator panels. Easy connection of indicator and buttons via single cable
Bright color indicator, high resolution and contrast
Customizable colors, date/time indication, custom pictures slideshow on second screen

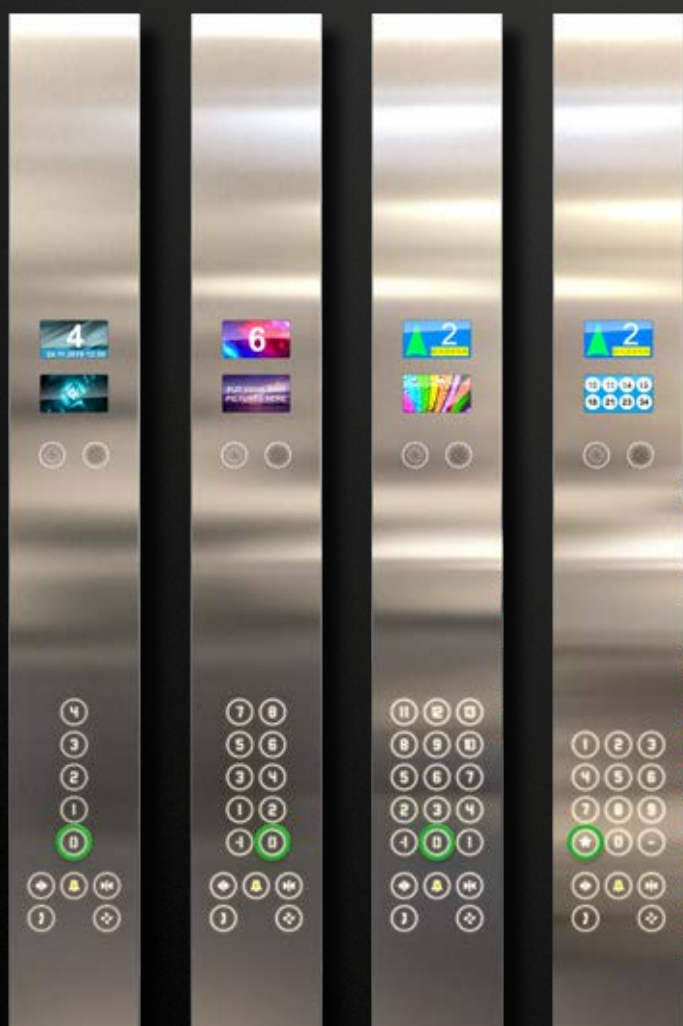


731.CT4D

732.CT4D

733.CT4D

73F.CT4D



931.CT4D

932.CT4D

933.CT4D

93F.CT4D



952.CT4D

954.CT4D

955.CT4D



MEGA7V.DS
LED 7-Segment indicator



MEGA7V.DM
LED 24x16 dotmatrix indicator



MEGA7V.TFT
7 inch Color TFT indicator

7" COLOR TFT

Video playback
Voice anouncer



High power
emergency lamp

Video playback on different events and warnings



EP9 SERIES

full height car operator panels

Description

EPAK/FUSION COP's are classic type flush mounted panels with strong construction. They use LCD indicators or complete indicator units MEGA7V. QUAD series push buttons used, with separate wiring for each button. Fusion series have also ID windows for each button to provide instant information about destination landing. It is the most accessible way to explain the building arrangement to your guests. The model is ideal for public offices, hospitals, schools, hotels and shopping centers.

Technical information

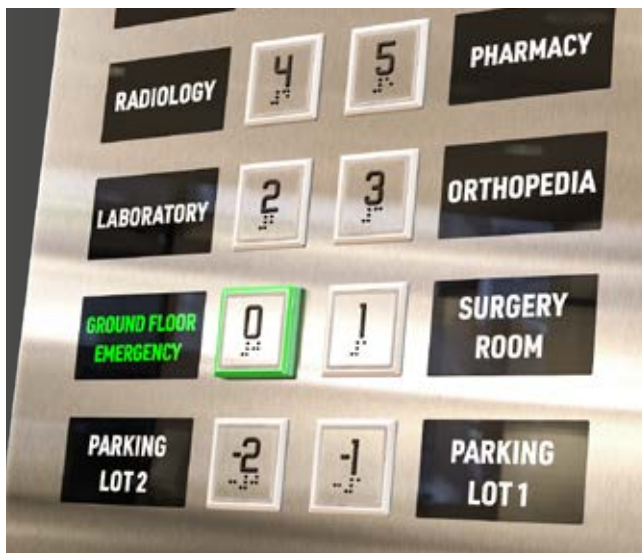
- CNC laser + CNC bending
- Fast and reliable installation
- Buttons with protruding symbols to support people with poor eyesight
- 6 stops (FS200) / up to 12 stops (FS350)
- Standard height 1980mm

Ordering Code

PANEL SIZE		KEYBOARD TYPE	
9	FULL HEIGHT	31	2 TO 5 STOPS
		31N	2 TO 5 STOPS(with floor names)
		32	6 TO 10 STOPS
		33	11 TO 15 STOPS
		52	6 TO 10 STOPS (with floor names)
		54	16 TO 24 STOPS
		55	25 TO 30 STOPS

MODEL		INDICATOR TYPE	
EP	EPAK	MG7V.DS	MEGA7-LED 7-segment
FS	FUSION	MG7V.DM	MEGA7-24x16 LED Dotmatrix
		MG7V.TFT	MEGA7-7" Color TFT

EP932-MG7V.DM



Optional designation signs



EPAK / FUSION MODELS



EP931N

EP931

EP932

EP933

EP954

EP955

FS952

EPAK FUSION	EP931N	EP931	EP932	EP933	EP954	EP955	FS952
MEGA7 7-Segment	EP931N.MG7V.DS	EP931.MG7V.DS	EP932.MG7V.DS	EP933.MG7V.DS	EP954.MG7V.DS	EP955.MG7V.DS	FS952.MG7V.DS
MEGA7 Dotmatrix	EP931N.MG7V.DM	EP931.MG7V.DM	EP932.MG7V.DM	EP933.MG7V.DM	EP954.MG7V.DM	EP955.MG7V.DM	FS952.MG7V.DM
MEGA7 Color TFT	EP931N.MG7V.TFT	EP931.MG7V.TFT	EP932.MG7V.TFT	EP933.MG7V.TFT	EP954.MG7V.TFT	EP955.MG7V.TFT	FS952.MG7V.TFT

*contact your sales representatives for custom made design for your project needs.

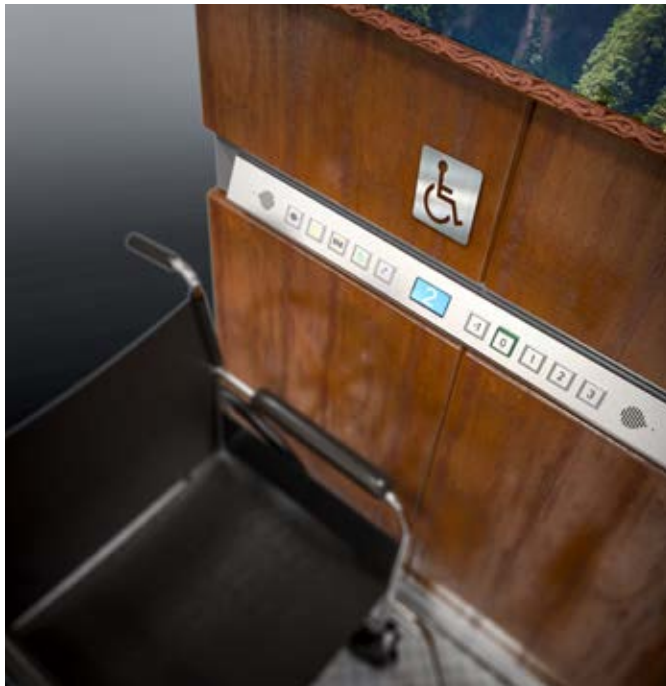
horizontal & vertical scalable COP

Description

MONO is a surface-mounted car operator panel. Reliable installation in elevator car. Available with 7-segment, dotmatrix and LCD indicators with parallel type connection. Uses QUAD series push buttons and fixtures. Due to robust construction suitable for most elevator applications. The most important feature – scalable in height and width.

Technical information

- Produced as per required size, length x height
- Suitable for elevators up to 15 stops
- Fast and reliable installation
- Buttons with protruding symbols to support people with poor eyesight
- Laser cutting, CNC bending, stainless steel framework
- Compatible with LCD, dotmatrix or 7-segment display
- Fan button with two contacts, timer and blinking lighting



MN722.DSC



MN641.USM

Description

HERA – half height flush-mount car operator panel. Ultimate ease due to smart design with stainless steel framework and QUAD buttons. User-friendly structure ensures reliable installation. Suitable for hospitals, schools, hotels and any elevator you can imagine.

Technical information

- Size 750x150mm, 985x194mm or custom height
- Up to 12 stops
- Brushed AISI 304L stainless steel framework
- Compatible with LCD, dotmatrix or 7-segment display
- High quality Quad buttons
- Protrusion of ground landing button
- Fan button with timer

HR921.DX2



HR721.DX2



HS721.PKD

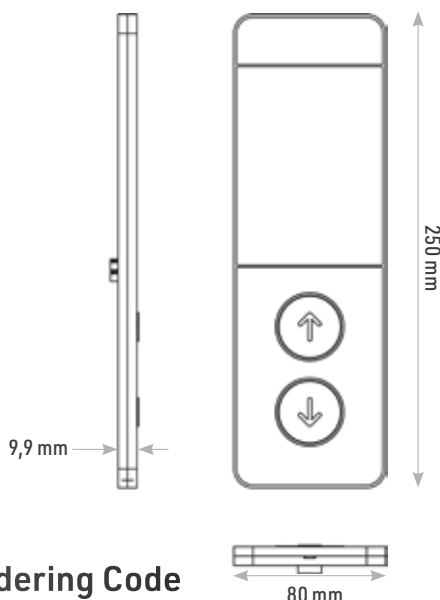
Description

RETINA series LOP's are our new products. Classic shape in the upper level implementation, which will add modern look to your elevator. They use all indicator types available for Avox series with all connection types: parallel, prewired parallel and serial.

Technical information

- 9,9 mm thin panels, surface mounted
- Buttons with protruding symbols to support people with poor eyesight
- 7-segment or dotmatrix display options
- Parallel & serial communication support
- Company logo laser marking available

Dimensions



Ordering Code

Ordering Code: RN2072-RZB-AC

LAYOUT

1	single button
2	dual buttons

BUTTON

2	AVOX
---	------

LED COLOR

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

Buzzer

Z	Buzzer
---	--------

Braille

B	Braille
---	---------

MODEL

RT	RETINA
----	--------

INDICATOR

1	LED, dotmatrix indicator, single
7	LED, 7-Segment, single

COMPATIBILITY

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



Display variations



7-Segment
(parallel)



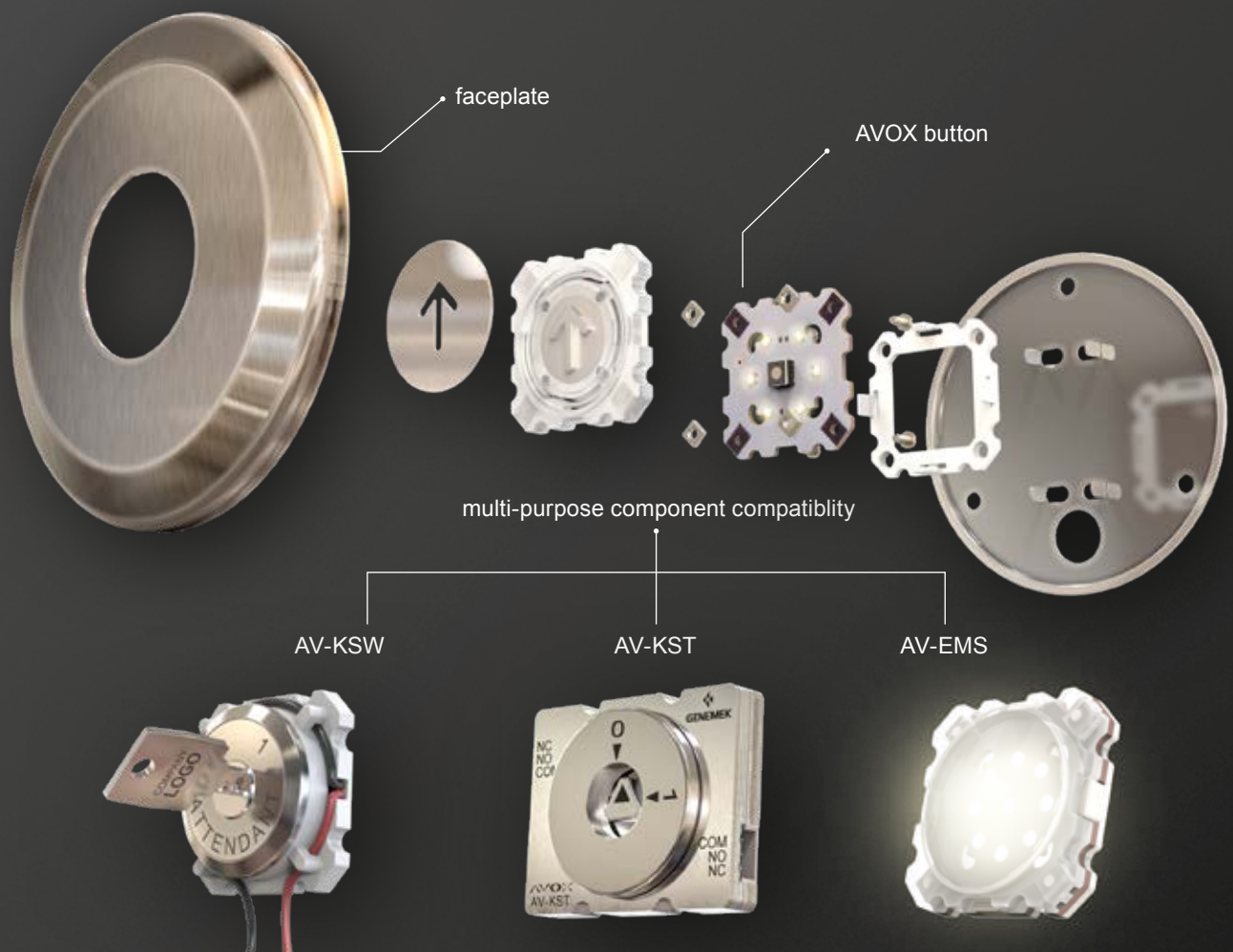
7-Segment
(serial)



Dotmatrix
(serial)

RETINA MODELS

80x250mm : door side indicator		
		
Supports -9 to 19 floors	Supports -9 to 99 floors	Supports -9 to 99 floors
RN1072 7-segment parallel	RN1072 7-segment serial prewired	RN1012 Dotmatrix serial prewired
RN1272 7-segment parallel prewired		
		
Supports -9 to 19 floors	Supports -9 to 99 floors	Supports -9 to 99 floors
RN1072 7-segment parallel	RN2072 7-segment serial prewired	RN2012 Dotmatrix serial prewired
RN2272 7-segment parallel prewired		



UFO

landing operator panels

Description

What makes it different from others, is simplest shape ever for a push button fixture. With using overdoor direction arrow sets, UFO is fully compliant with EN 81-70. It can be even used as call buttons besides elevator industry.

The most common use: switching to normal operating mode after pit maintenance.

Technical information

- 100mm diameter round steel frame
- wide range of components
- 9.9mm ultra thin, surface installation



UFO MODELS



UF-ARU



UF4070



UF-ARD



UF-EMS



UF1002UP



UF-KSF



UF1002UD



UF-KSR



UF1002DW



UF-KSW

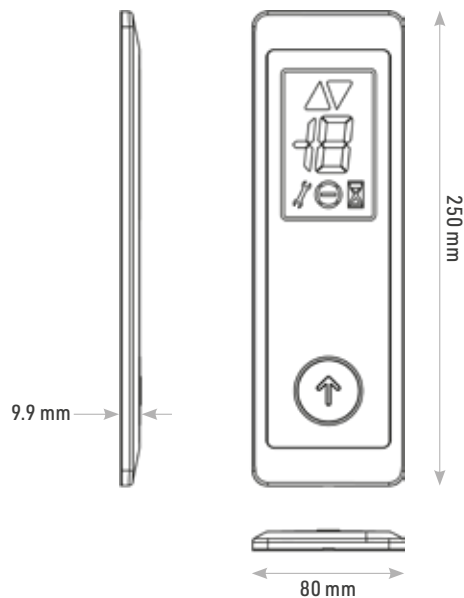
Description

This is an entry level LOP. The most cost-effective solution and true bestseller. Different combinations with additional feature components and decorative finishes available.

Features

- Surface mounted, no screws for cover installation
- 9.9 mm ultra thin body
- EN 81-70 and EN 81-28 compliant
- Decorative finishes available
- Parallel type connection

Dimensions



Ordering Code

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

BUTTON	
2	AVOX

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

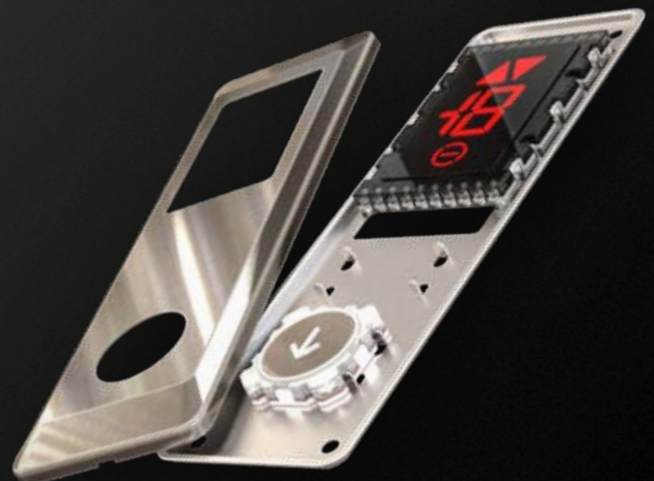
COMPATIBILITY	
AV	PARALLEL, non-rewired

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

AV 1 0 7 2 - R Z B

B Braille
 Z Buzzer

7-Segment (parallel)



AVOX NON-PREWIRED MODELS



AVOX FEATURE DRIVEN MODELS



AV0600



AV1402-EMS

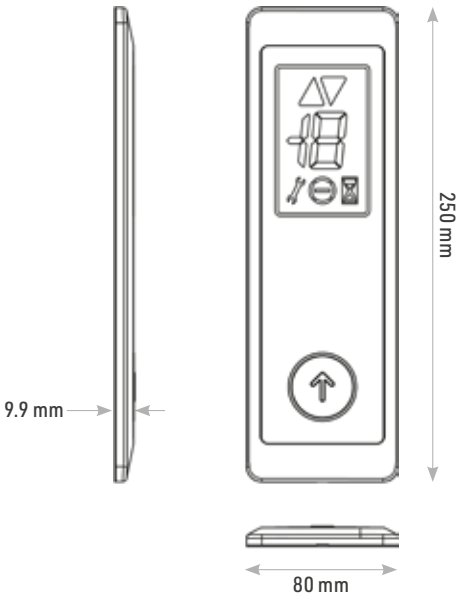


AV1672

AVOX - PARALLEL

parallel prewired LOP's

Dimensions



Ordering Code

LAYOUT	
1	single button
2	dual buttons

BUTTON	
2	AVOX

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

COMPATIBILITY	
PW	PARALLEL PREWIRED

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

B	
B	Braille

Z	
Z	Buzzer

PW1 2 7 2 - R Z B

ULTRATHIN
SURFACE MOUNTED LOP'S

AVOX



AVOX
PARALEL-PREWIRED

AVOX PARALLEL-PREWIRED MODELS

80x250mm : door side simplex landing operator panels



PW1272

7-segment parallel prewired



PW2272

7-segment parallel prewired

150x250mm : door side duplex landing operator panels



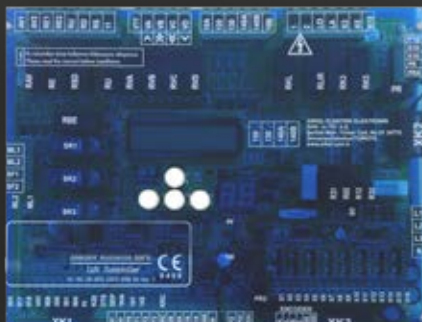
PW1282

7-segment parallel prewired



PW2282

7-segment parallel prewired



Control panel

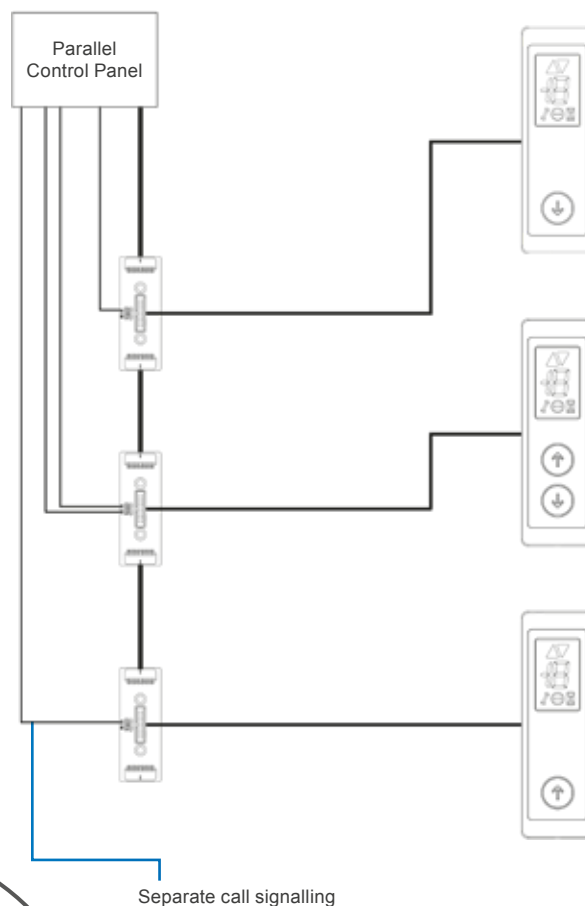
Description

AVOX series prewired LOP's offer smart look, surface installation and thin casing which doesn't significantly stand out of the wall surface. But to get these benefits one would sacrifice the comfort of wiring due to lack of space in the slim casing. Here is the solution: in parallel prewired AVOX LOP's all components are gathered together on a single board and the connection is done with IDC cable. At the same time this system offers a more tidy shaft cabling for LOP's and reduces connection mistakes.

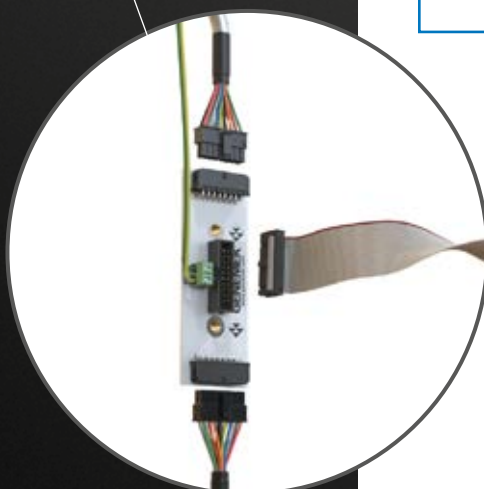
AV-PP2

AV-TSV

AV-PP1



Separate call signalling



IDC cable connection
AV-TSV to prewired LOP

AVOX - CANBUS

serial prewired landing operator panels

Description

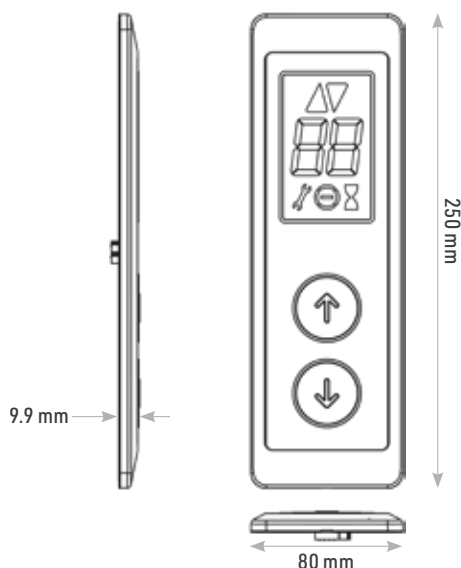
AVOX – surface-mount landing operator panels for fast and easy installation.

Compatible with a wide range of well-known elevator controllers via CANBUS.

Features

- 9.9mm surface mounted
- EN 81-70, EN81-28 compliant
- Versatile, cost-effective, flexible design
- CANBUS

Dimensions



Ordering Code

LAYOUT	EXTRAS	BUTTON	LED COLOR
1 single button	1 White arrows	2 AVOX	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

COMPATIBILITY	INDICATOR
AC ARKEL ARCODE	1 LED, dotmatrix indicator, single
AY AYBEY ALC/ACT	2 LED, dotmatrix indicator, dual
CP CANOPEN DSP417	7 LED, 7-Segment, single
GV GENCAN	8 LED, 7-Segment, dual
HY HYUNDAI STVF	B 4,3" TFT Color Display
LS LISA SCHNEIDER	
MT ARKEL MOT	
MV MIKEL MIVOX	
NF NIDEC F3	
SV STEP F5021 AS380	

Display variations
7-Segment (serial)
Dotmatrix (serial)
4.3" TFT color (serial)

ULTRA THIN
SURFACE MOUNTED LOP'S

AVOX



Display variations



300x90mm : door over indicator



4110



41B0

90x300mm : door side landing operator panels



10B2



20B2

80x250mm : only buttons



1202



2202

80x250mm : door side simplex landing operator panels



1072



2072



1012



2012

150x250mm : door side duplex landing operator panels



1082



2082



1022



2022

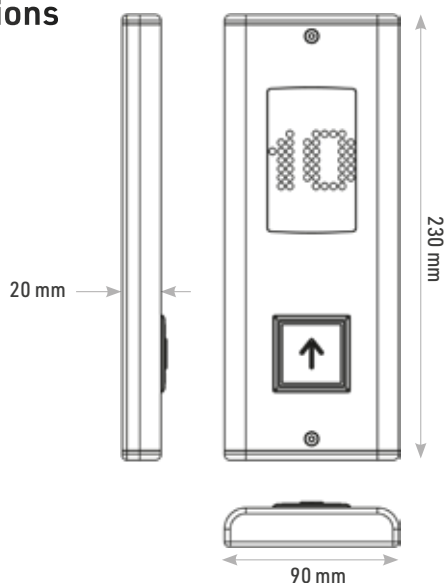
Description

MONO is a surface-mounted LOP. Available with 7-segment, dotmatrix and LCD indicators with parallel type connection. Uses QUAD series push buttons and fixtures. Due to robust construction suitable for most elevator applications. The most important feature – scalable in height and width, which allows use of several QUAD fixtures within the single casing. Mostly preferred in standard brushed stainless steel, but also available with decorative finishes.

Technical information

- Surface mounted
- Scalable in height and width. Allows combining several fixtures within the same body
- Premium quality QUAD buttons
- Buttons with protruding symbols to support people with poor eyesight
- LCD, 7-segment or dotmatrix display options
- Decorative finishes available

Dimensions



Ordering Code

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

BUTTON	
1	QUAD

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

MODEL	
MN	MONO

INDICATOR	
1	LED, dotmatrix indicator, single
2	LED, dotmatrix indicator, dual
3	LCD, graphics, 70x40, single
4	LCD, graphics, 70x40, dual
7	LED, 7-Segment, single
8	LED, 7-Segment, dual

MN 2 0 7 1 - R Z B

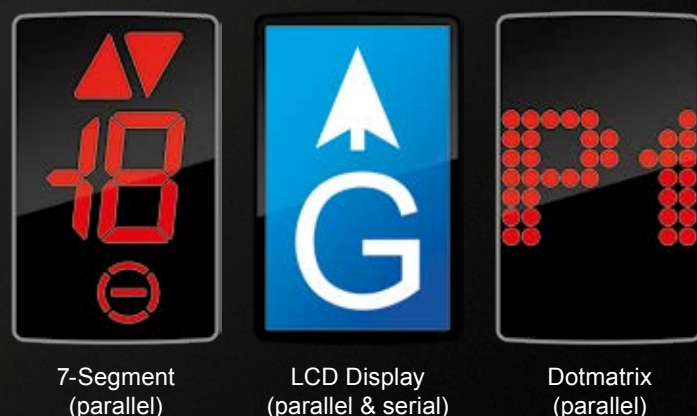
Ordering code breakdown: MN (Model), 2 (Layout: dual buttons), 0 (Button: QUAD), 7 (Indicator: LED, 7-Segment, single), 1 (Indicator: LED, 7-Segment, dual), - (Separator), R (LED Color: Red), Z (Braille), B (Buzzer).



Scalable design



Display variations



230x90mm : door over indicator



MN4070



MN4030



MN4010

90x230mm : door side indicator



MN3070



MN3030



MN3010

90x180mm : only buttons



MN1001



MN2001

90x230mm : door side LOP's



MN1071



MN1031



MN1011

150x280mm : door side duplex LOP's



MN1081



MN1041



MN1021

90x280mm : door side LOP's



MN2071



MN2031



MN2011

150x280mm : door side duplex LOP's



MN2081



MN2041



MN2021

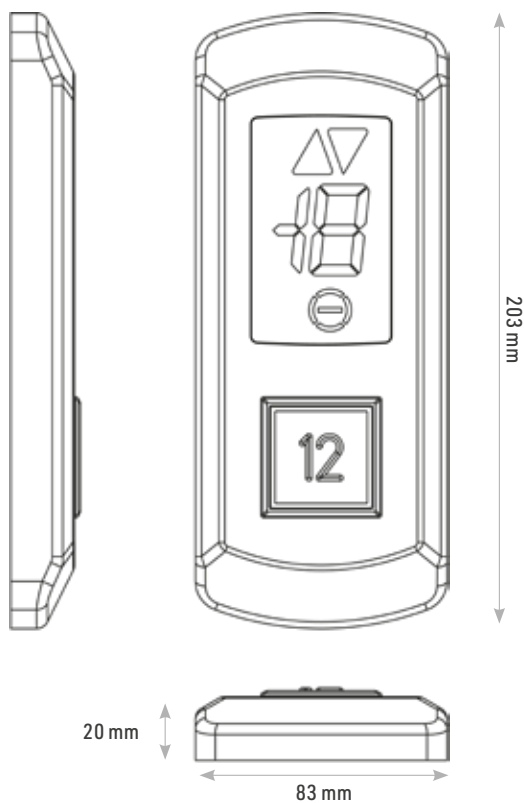
Description

Surface mounted LOP's. Strong frame and premium quality QUAD push buttons. Available with a range of parallel type indicators and different decorative options..

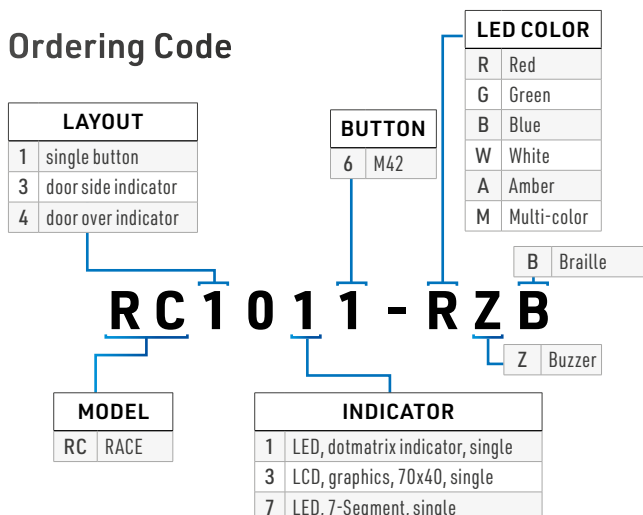
Technical information

- Surface mounted, now screws for frame fixing
- Premium quality QUAD buttons
- Buttons with protruding symbols to support people with poor eyesight
- LCD, 7-segment or dotmatrix display options
- Decorative finishes available.

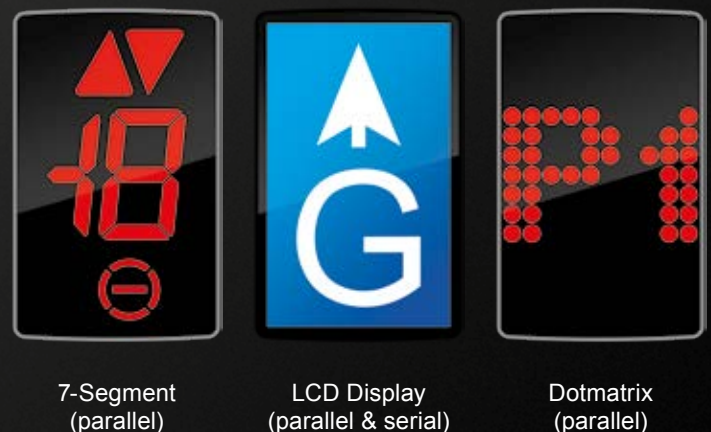
Dimensions






Ordering Code



Display variations



203x83mm : door over indicator		
		
RC4070	RC4030	RC4010

83x203mm : door side indicator		
		
RC3070	RC3030	RC3010

83x203mm : door side LOP's			83x203mm : only buttons	
				
RC1071	RC1031	RC1011	RC1001	RC2001

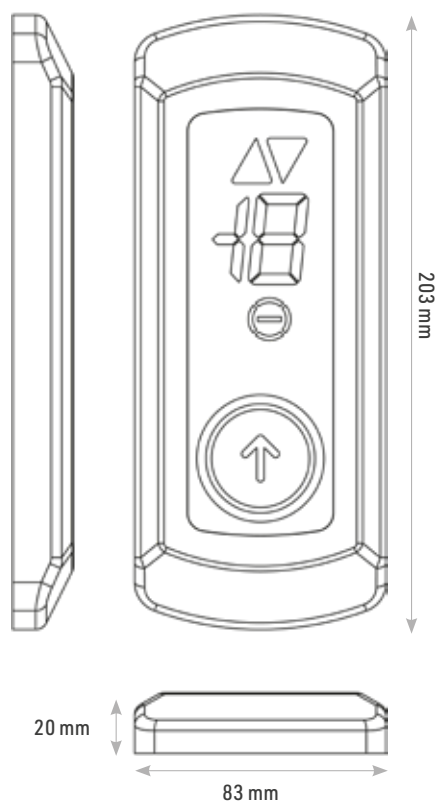
Description

ARENA series LOP's are surface mounted panels. These are design products. Black glass insert adds a different look. Available with 7-segment, dotmatrix and LCD indicators. Uses M42 push button. Offers some decorative finishes.

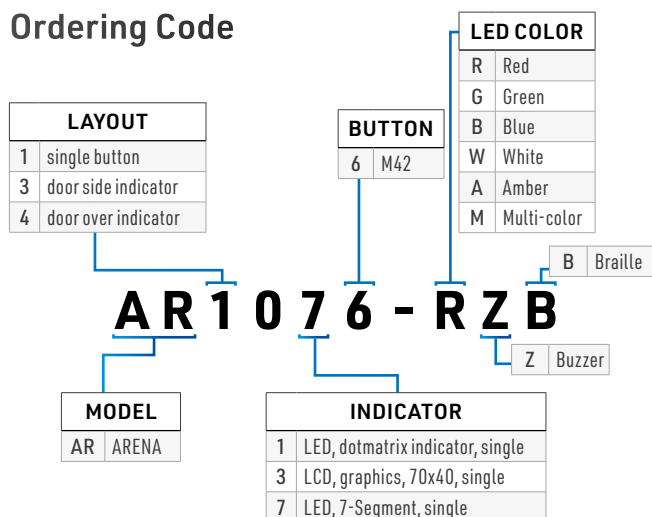
Technical information

- Chemical and scratch resistant PMMA display glass
- Compatible with graphic LCD, dotmatrix or 7-segment display

Dimensions



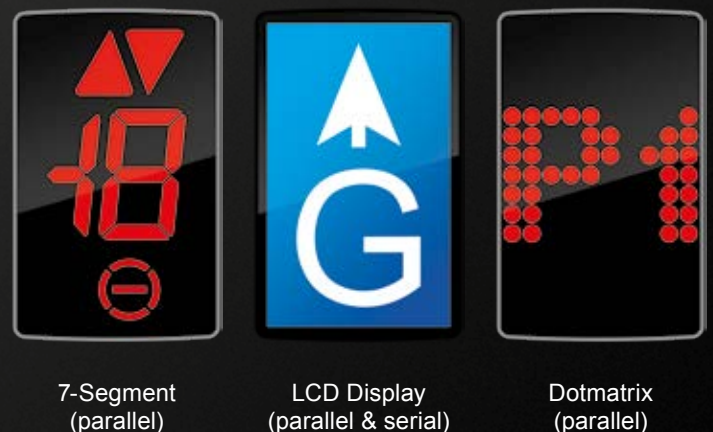
Ordering Code



Scratch resistant
PMMA display



Display variations



203x83mm : door over indicator

		
AR4070	AR4030	AR4010



83x203mm : door side indicator

		
AR3070	AR3030	AR3010

83x203mm : door side LOP's

		
AR1076	AR1036	AR1016

83x203mm : only buttons

	
AR1006	AR2006

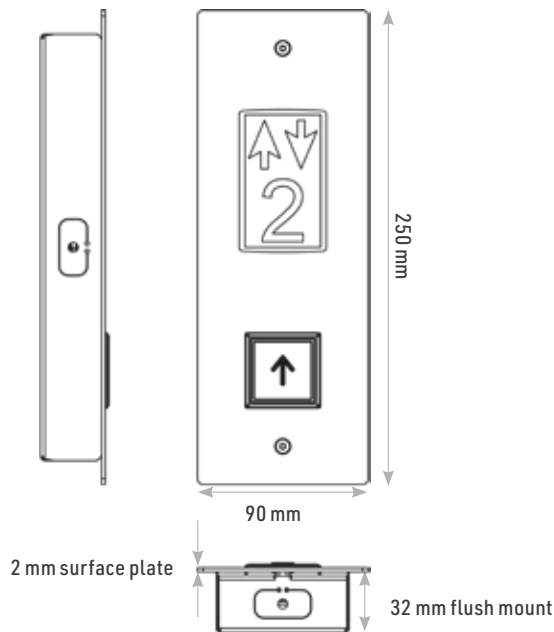
Description

EC – is flush-mounted LOP series. The body of the panel remains underneath, and the accessible part is a 2 mm thick stainless steel plate, which altogether with our strong QUAD push button make this series the most durable LOP of all our products. Available with LCD, 7-segment or dotmatrix displays.

Technical information

- Flush-mounted
- 2 mm thick stainless steel plate
- Premium quality QUAD buttons
- Buttons with protruding symbols to support people with poor eyesight
- LCD, 7-segment or dotmatrix display options
- Decorative finishes available
- Scalable on special request

Dimensions



Ordering Code

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

BUTTON	
1	QUAD

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

MODEL	
EC	EC

INDICATOR	
1	LED, dotmatrix indicator, single
2	LED, dotmatrix indicator, dual
3	LCD, graphics, 70x40, single
4	LCD, graphics, 70x40, dual
7	LED, 7-Segment, single
8	LED, 7-Segment, dual

EC 2 0 3 1 - R Z B

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

Button: 1 QUAD

Indicator: 1 LED, dotmatrix indicator, single; 2 LED, dotmatrix indicator, dual; 3 LCD, graphics, 70x40, single; 4 LCD, graphics, 70x40, dual; 7 LED, 7-Segment, single; 8 LED, 7-Segment, dual

Model: EC EC

Braille: B Braille

Buzzer: Z Buzzer

2mm thick
steel framework



Display variations



7-Segment
(parallel)



LCD Display
(parallel & serial)



Dotmatrix
(parallel)

200x90mm : door over indicator



EC4070



EC4030

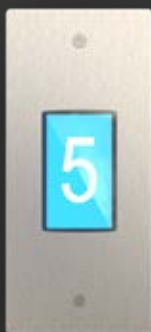


EC4010

90x200mm : door side indicator



EC3070



EC3030



EC3010

90x200mm : only buttons



EC1001

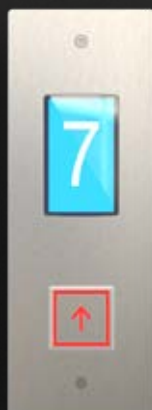


EC2001

90x250mm : door side LOP's



EC1071



EC1031



EC1011

150x250mm : door side duplex LOP's



EC1081



EC1041

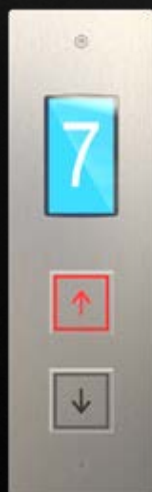


EC1021

90x300mm : door side LOP's



EC2071



EC2031



EC2011

150x300mm : door side duplex LOP's



EC2081



EC2041



EC2021

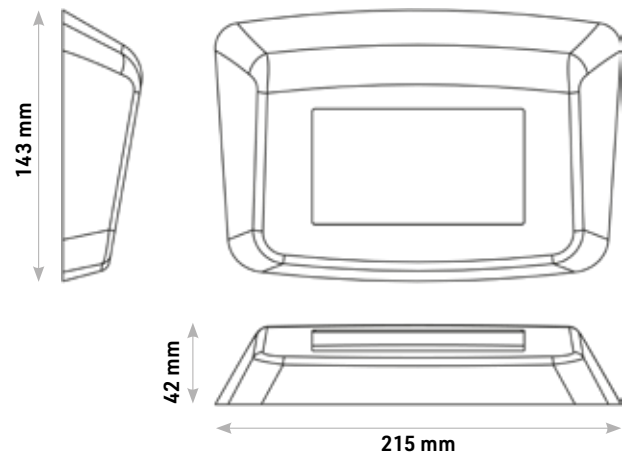
Description

RAM is surface mounted hall indicator panel with big bright LCD indicator. Cover installation without screws – fast and simple. Light inclination towards a passenger on landing makes information easy readable. Offers programmable frames and even demo shows during stand-by.

Technical information

- Surface mounted, no screws for cover installation
- Single piece cover made of thick stainless steel plate
- Big LCD screen 114x64 mm, programmable frames
- Decorative finishes available
- Gray, binary, 7-segment, CMC3, CMC4, counter, DO1,

Dimensions



RM 4 0 5 0

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



Programmable Graphic LCD



215x143mm : door over indicator



Silver brushed



Silver mirror



Gold brushed



Gold mirror



Bronze brushed



Bronze mirror



Champagne brushed



Champagne mirror

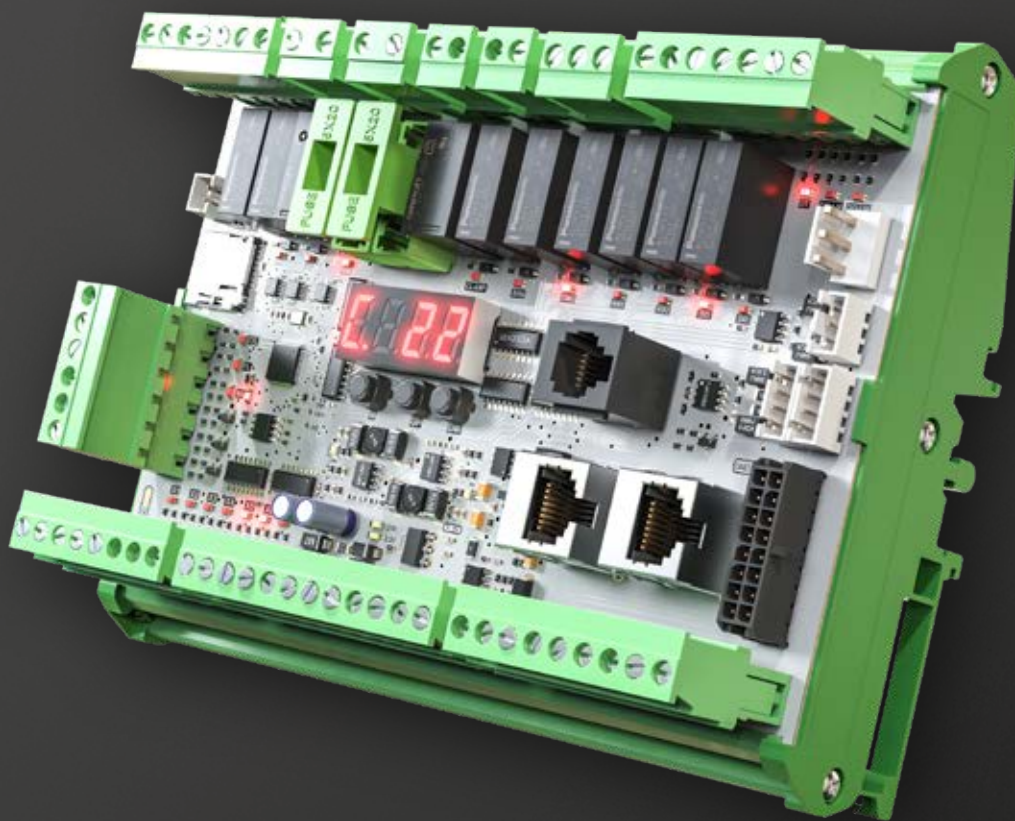


Black brushed



Black mirror

NEW PRODUCT



RV-300

car top board module

16 Digital Input:

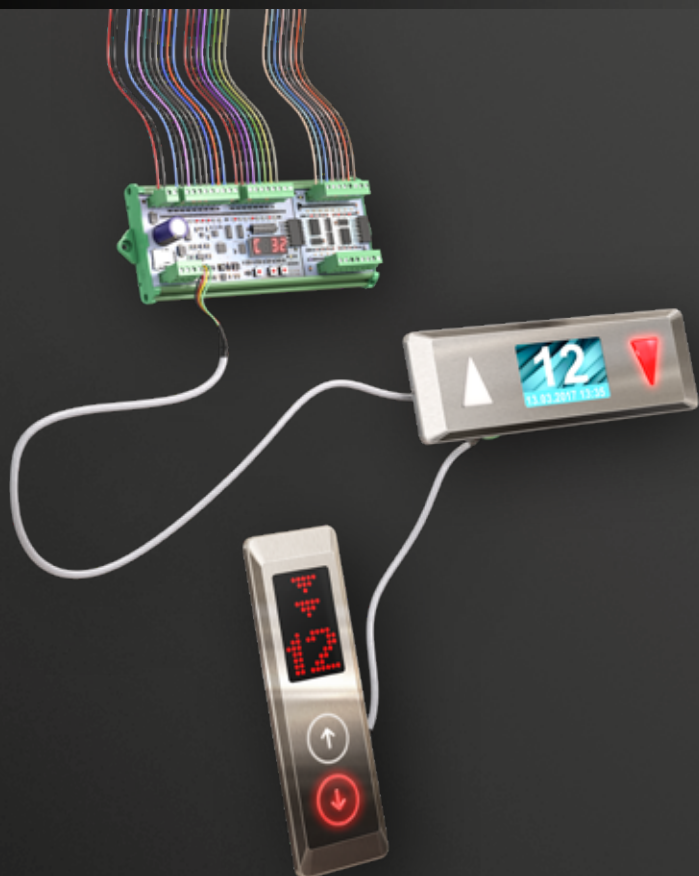
- Front Door Open Limit
- Front Door Close Limit
- Front Door Detect (PhotoCell)
- Rear Door Open Limit
- Rear Door Close Limit
- Rear Door Detect
- Overload
- Full Load
- Minimum Load
- 7x Programmable Input

10 Digital Output:

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

Features

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



MS2
parallel to CANBUS converter

MS-2

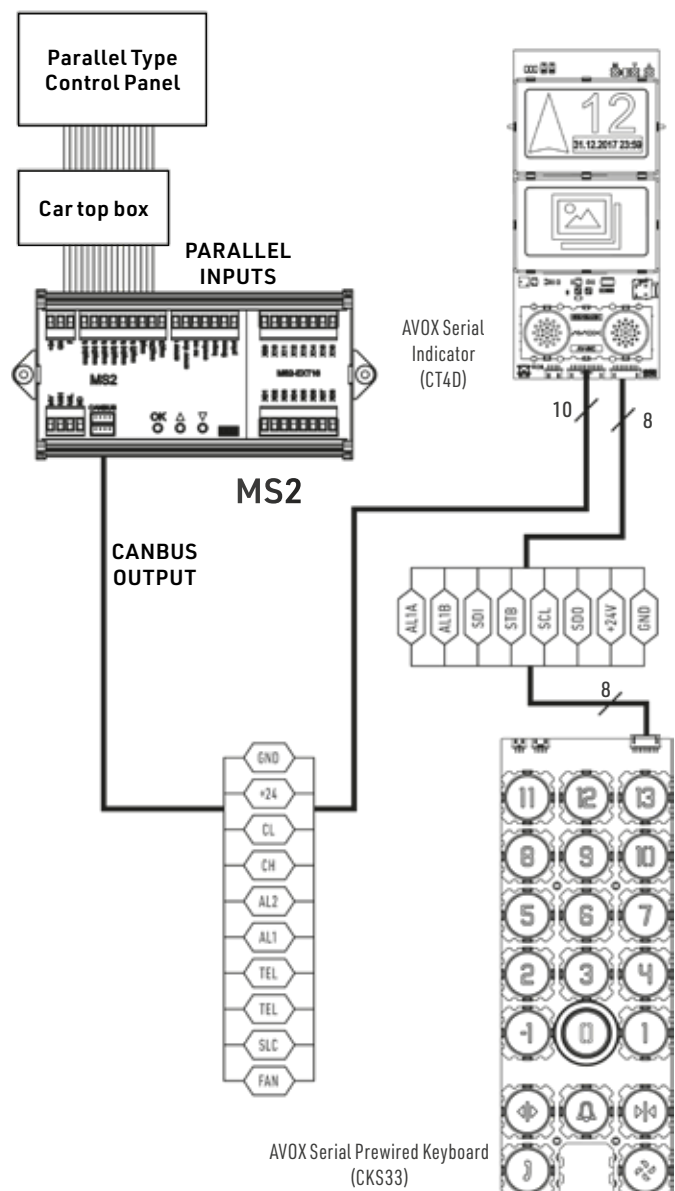
parallel to CANBUS converter

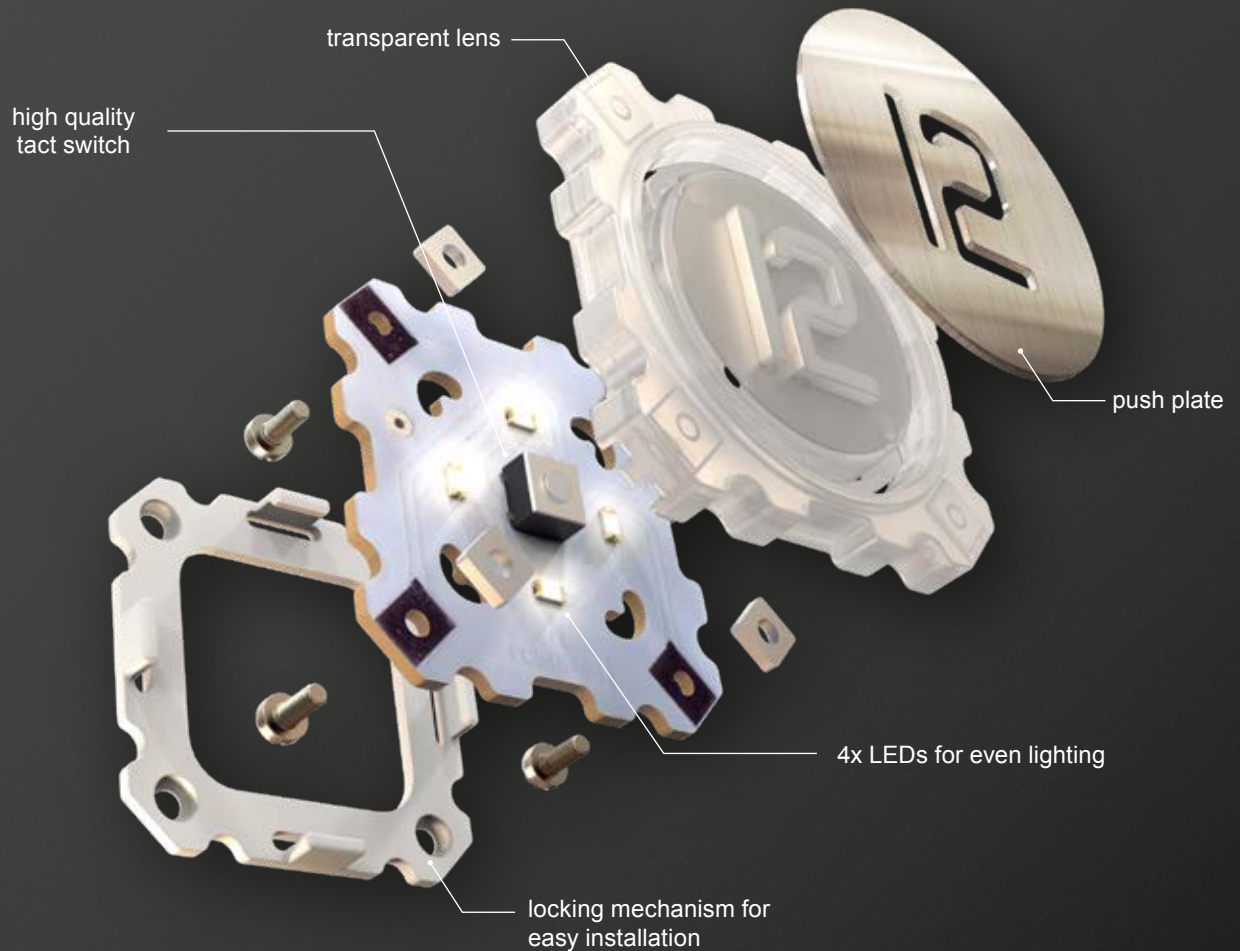
Description

Most elevators worldwide run under parallel type controllers. This significantly restricts the range of modern components to use for repairs and light modernizations. Here is a solution: MS-2 will convert Parallel type outputs from your controller into serial CANBUS. Thus, you can use the whole range of GENEMEK's CANBUS driven products in parallel systems. You also can combine different products in one elevator, and the most important – you get rid of time wasting during shaft wiring. Needless to say that you get benefit of some features which are not available in parallel type LOP's and COP's

Features

- DIN rail enclosure
- Up to 16 stops with single button LOP's and up to 8 stops with dual button LOP's
- Scalable up to 32 stops (with additional input boards)





AVOX BUTTON

ultra thin push buttons

Description

Extremely simple in use. Illuminated button frame, protruding symbols to support people with poor eyesight, different color options and stainless steel push plate make the AVOX button suitable for any elevator. Easy installation and comfortable use of the button suit for hospitals, public offices, private company buildings and other buildings.

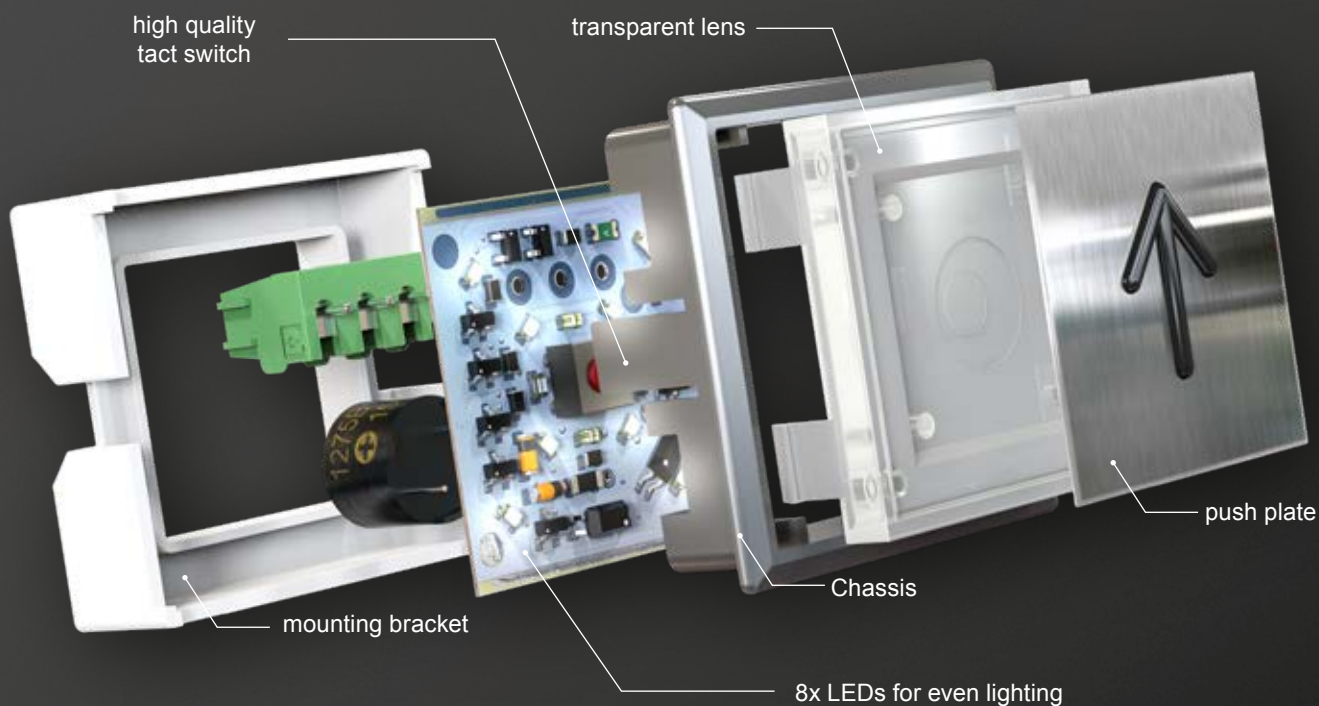
Features

- Even lighting via 4 LED elements
- Protruding symbols to support people with poor eyesight
- Durable silicon plunger of the tact switch.



AVOX BUTTON OPTIONS			
			
AV-BTR	AV-BBD	AV-BTD	AV-BDC
			
AV-BFA	AV-BER	AV-BNC	AV-BSP

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				¼	½	¾	DTM	..	STP
LETTERS												
A	B	C	D	E	F	G	L	M	P	R	S	T
U	Z	PB	PH	PI	P2	N5	B1	B2	UG	LT	LG	GF



QUAD BUTTON

premium quality push buttons

Description








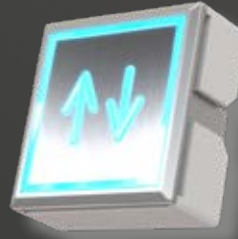
Illuminated button frame, protruding symbols to support people with poor eyesight, different color options and stainless steel push plate make the QUAD button suitable for any elevator. Easy installation and comfortable use of the button suit for hospitals, public offices, private company buildings, special child centers and other buildings

Features

- Bridge rectifier circuit (option)
- Mat chrome-plated ABS body
- Even lighting via 8 LED elements
- Protruding symbols to support people with poor eyesight
- Durable silicon plunger of the tact switch.



QUAD BUTTON OPTIONS

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

Suitable for any landing or car operator panel for high towers. Programmable graphic LCD is best choice for any elevator.

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

JUNIOR

- Resolution 128x64 pixel
- Display size 70x40mm, whole unit size 110x71x28mm
- Operating voltage 12 VDC - 30 VDC
- Linear power supply
- Coded by programming kit PP200 and personal computer.

ULTRASLIM

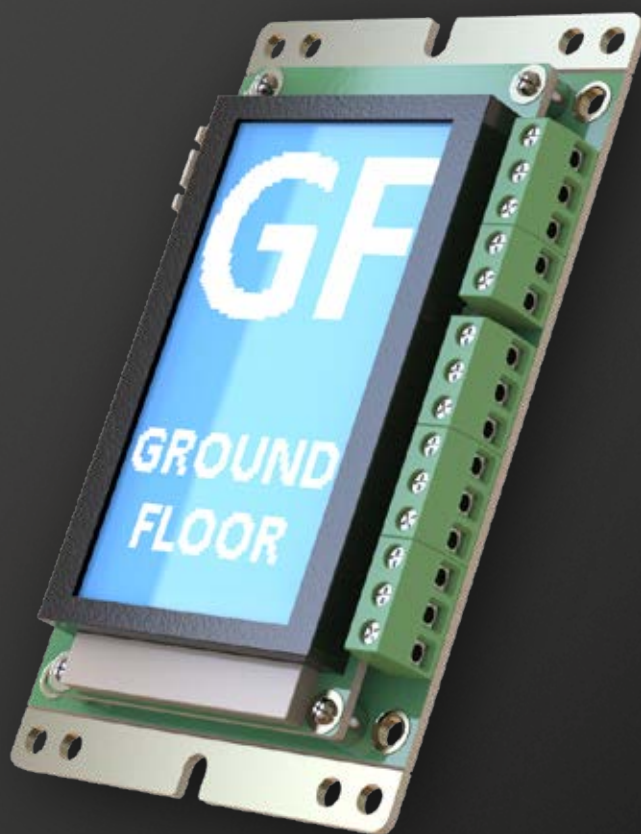
- Resolution 128x64 pixel
- Display size 70x40mm, whole unit size 110x71x14mm
- Operating voltage 12 VDC - 30 VDC
- Overload, busy, door open, fan, no service and additional inputs
- Coded by programming kit PP200 and personal computer

DIESEL-2

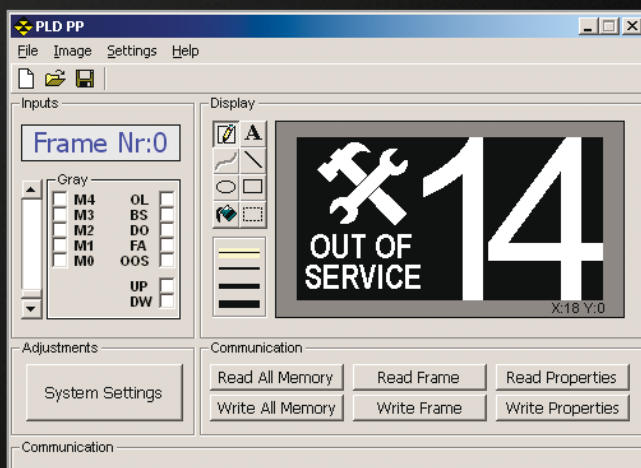
- Display resolution 128x64 pixel
- Display size 114x64mm
- Operating voltage 12 VDC - 30 VDC
- Overload, busy, door open, fan, no service and additional inputs
- Coded by programming kit PP200 and personal computer
- Audible overload warning and emergency lighting functions

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
- Coded by programming kit PP200 and personal computer
- 7-segment, Gray, binary, DO1, CMC3, CMC4, counter (pulse direction), MEA NG12-02, Automatic Signalling common polarity detection



design examples



programming software



ULTRASLIM



JUNIOR



DIESEL-2



EXCEL

7-Segment LED Variations



AV-DSHR
door over indicator



AV-DSCR
inside car indicator



AV-DDVR
door side indicator



AV-DSAR
door side indicator



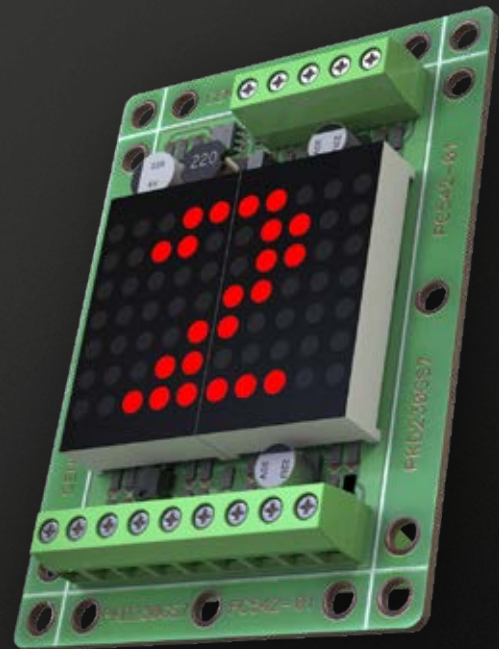
AV-DSVR
door side indicator



AV-DSVMB
door side indicator



7-Segment Led Display



PKD230GS7
LED Dotmatrix display

PKD230GS7

Description

Dotmatrix LED display may be used in landing or car operator panels as programmed vertically or horizontally. The new generation dotmatrix displays are compatible with Binary, Grey, 7-segment, MEA and counter coding, offer low power consumption and inexpensive thin design solution.

Features

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

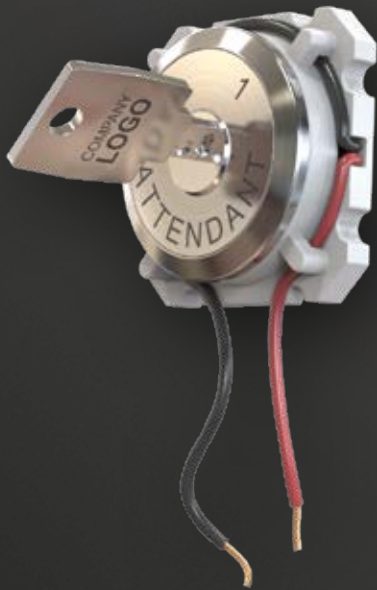


PKD230GS7
switch mode power supply



programming software
for dotmatrix indicators

AV-KSW



AV-KST



AXES-D

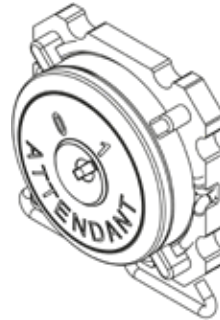
AV-KSW & QD-KSW

keyswitch

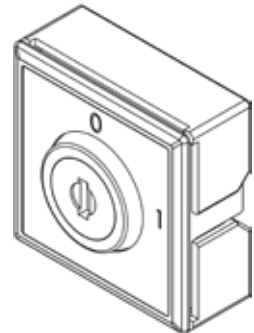
Switches between "Circuit Open" and Circuit Closed" positions.

Types

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



AV-KSW



QD-KSW

AV-KST

triangular keyswitch (EN81-72)

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

Types

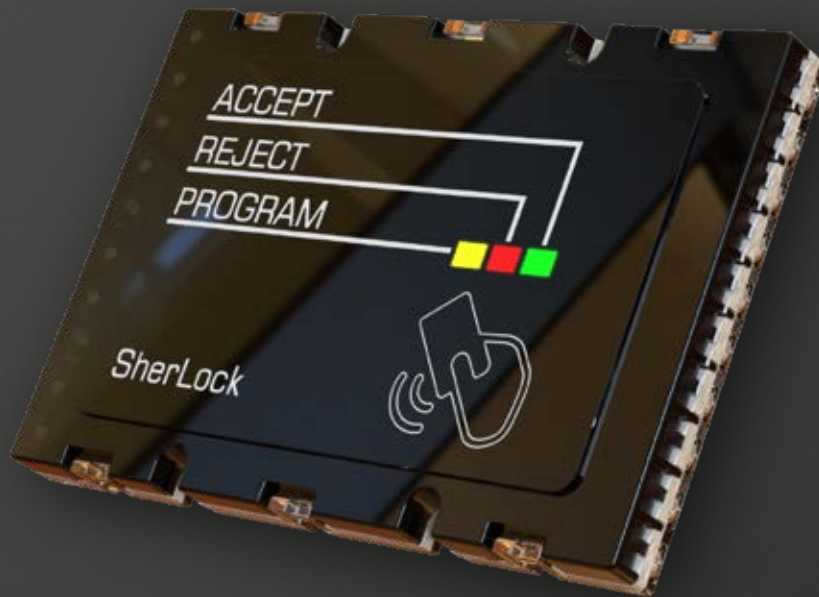
- Pluggable (key released in position 0 and 1)
- Non-pluggable (key released only in position 0)

AXES-D

electronic key

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

- 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.



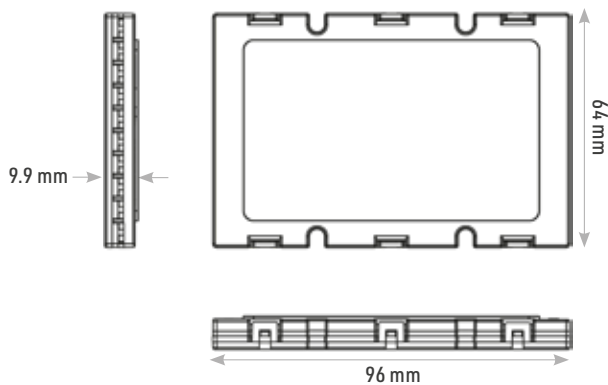
SHARELOCK

RFID card reader

Description

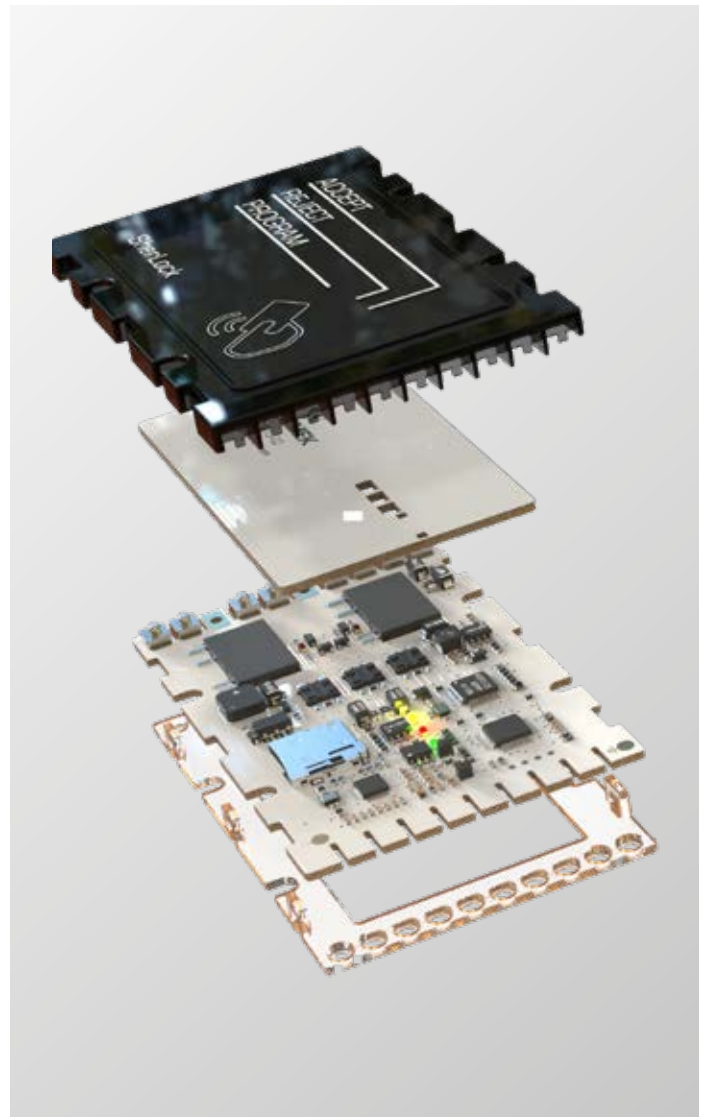
General use of RFID security control module.

Dimentions



Features

- Completely Integrated Protocol Handling for ISO/IEC 15693, ISO/IEC 14443 A and ISO/IEC 14443 B, NFC protocol
- Up to 220V High voltage relay output, 2pcs
- LED status indicator
- Memory up to 3000 RFID cards (cards not included)
- Non volatile memory
- Including CANBUS serial communication system
- 9.9mm ultra thin design
- Firmware and cards database update via SD card



Emergency light units

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).



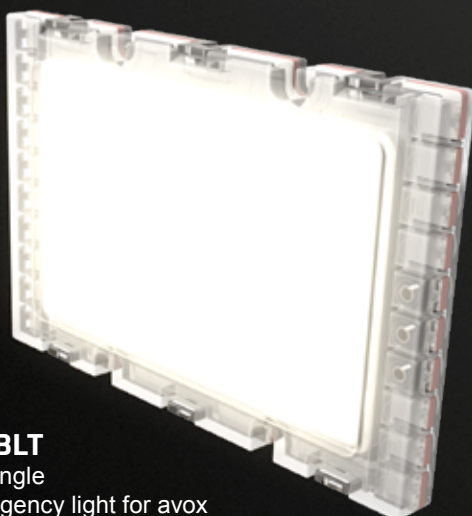
AV-EMS
single circular
emergency light for avox



QD-EMS
single square
emergency light for quad

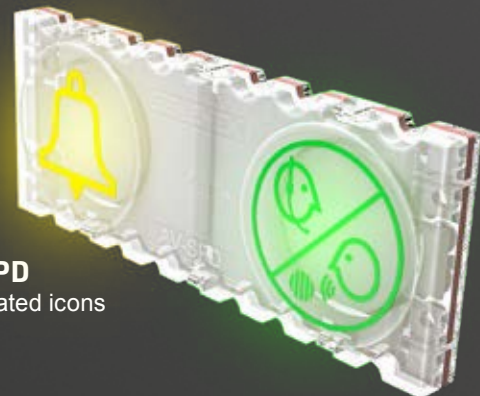


AV-EMG
dual circular
emergency light for avox

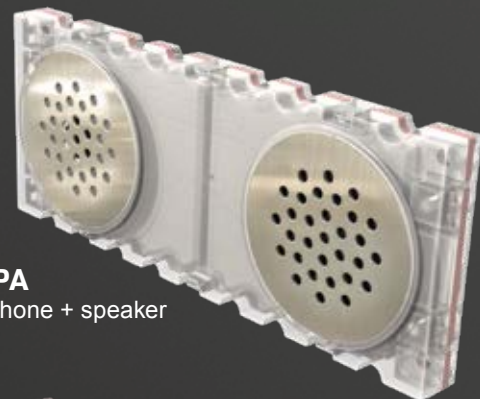


AV-BLT
rectangle
emergency light for avox

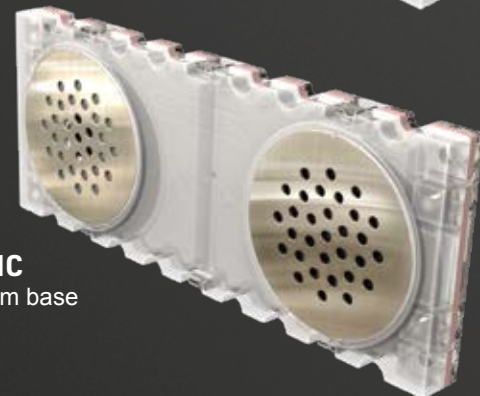
Communication related components



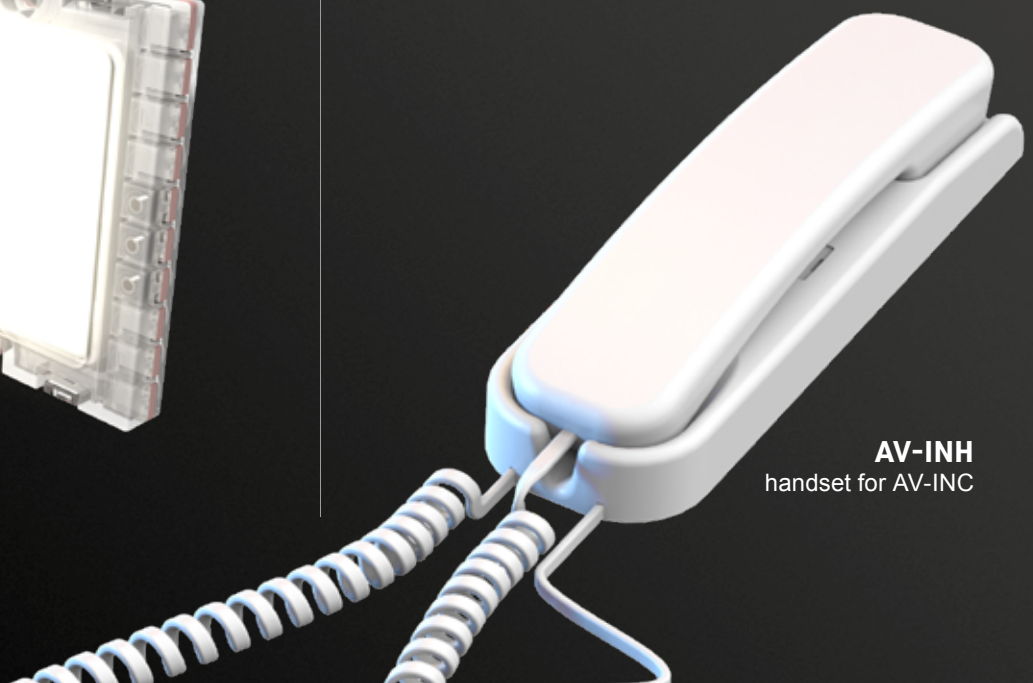
AV-SPD
illuminated icons



AV-SPA
microphone + speaker



AV-INC
intercom base



AV-INH
handset for AV-INC

AV-DKL

decorative color finish for LOP'S



SILVER











BLACK

CHAMPAGNE

BRONZE

GOLD

Available finishes for AV-DKL and AV-DKC

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

AV-DKC

decorative color finish for COP'S

AV-BLF

Inkjet color printing

AV-BLH

high contrast 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





Full height
car operator panels



Half height
car operator panels



Horizontal
car operator panels



Surface mounted
landing operator panels



Flush mounted
landing operator panels



Position
indicators



Push
buttons



Intercoms



Administration
equipment



Emergency
light units



GENEMEK