



TRANSLIFT®
ROTOFLEX

Feel SAFE, Feel ELEVATED

TRANSLIFT ROTOFLEX ENGINEERING COMPANY

MANUFACTURER OF CRANES, HOISTS, PASSENGER LIFTS,
GOODS LIFTS & CARDAN SHAFTS AND SERVICING OF LIFTS

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TRANSLIFT ROTOFLEX ENGINEERING COMPANY

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TECHNOLOGY

Safety Function

Unintended Car Movement Protection

A traction drive elevator shall include means to prevent uncontrolled movement of the elevator away from the landing with neither the landing nor the car doors in the locked position. The Elevator shall detect uncontrolled movement of the car away from the landing and stop no more than 1200mm after as measured from the landing floor sill. Before operation, the uncontrolled car movement protection system means for an ascending elevator, the clearance between the landing door floor sill and the apron of the stopped elevator shall not exceed 200mm. In additional, uncontrolled movement protection means the horizontal distance between the sill or entrance frame of the stopped elevator and the wall of the well, from the landing floor sill to 1200mm downward for a descending elevator.



Car Door Lock OPTIONAL

Every car door shall be mechanically locked by at least 7mm such that it can only be opened in the unlocking zone of a landing. The lift operation shall automechanically depend on the locking of the car door. This locking shall be proved by an electrical safety device to confirm the horizontal distance between the well wall and the sill or entrance frame of the car is within 150mm.

TRANS LIFT ROTO FLEX

Ascending Car Overspeed Protection

A device to prevent an elevator ascending to the elevator shaft top beyond the rated speed due to a device like an electromagnetic brake or control unit. It monitors the speed of the upper direction mechanically by a governor, then cut off the power supply and safety circuit by an overspeed detecting switch when the speed exceeds the rated speed more than 1.3 times. The elevator shall be stopped by triggering the double brake when overspeed occurred.

Multi-beam Door Safety

* Image of Multi-beam Door Safety



Safety Function

Automatic Landing in Power Failure

In case of a power failure, backup lamps are automatically lighted up in the cars, while the system's operation is switched to the elevator system's own battery powered inverter. Cars stranded between floors are taken to the nearest floor; otherwise, doors are opened and passengers are let out. The doors automatically open in case the car stops at any point that is not between floors but where the doors can be opened. (Note: Overridden by any similar backup or safety systems installed in compliance with safety codes.)



Earthquake Emergency Operation

OPTIONAL

When the system's seismic sensor installed in the elevator shaft detects an S-wave (the secondary seismic wave and the main shock of an earthquake) that exceeds the pre-set threshold, the system takes control with emergency procedures. "Earthquake" emergency signs lighted up in all cars, all cars are taken immediately to the nearest floor, doors are opened and passengers are instructed to alight.

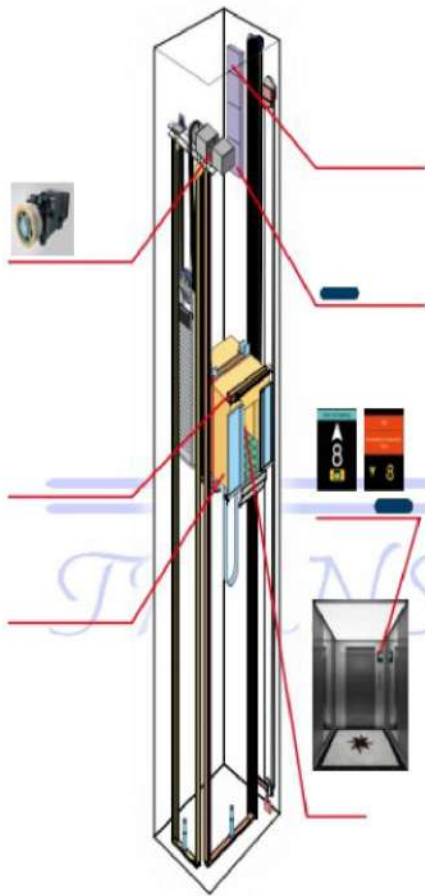


Fire Emergency Operation

OPTIONAL

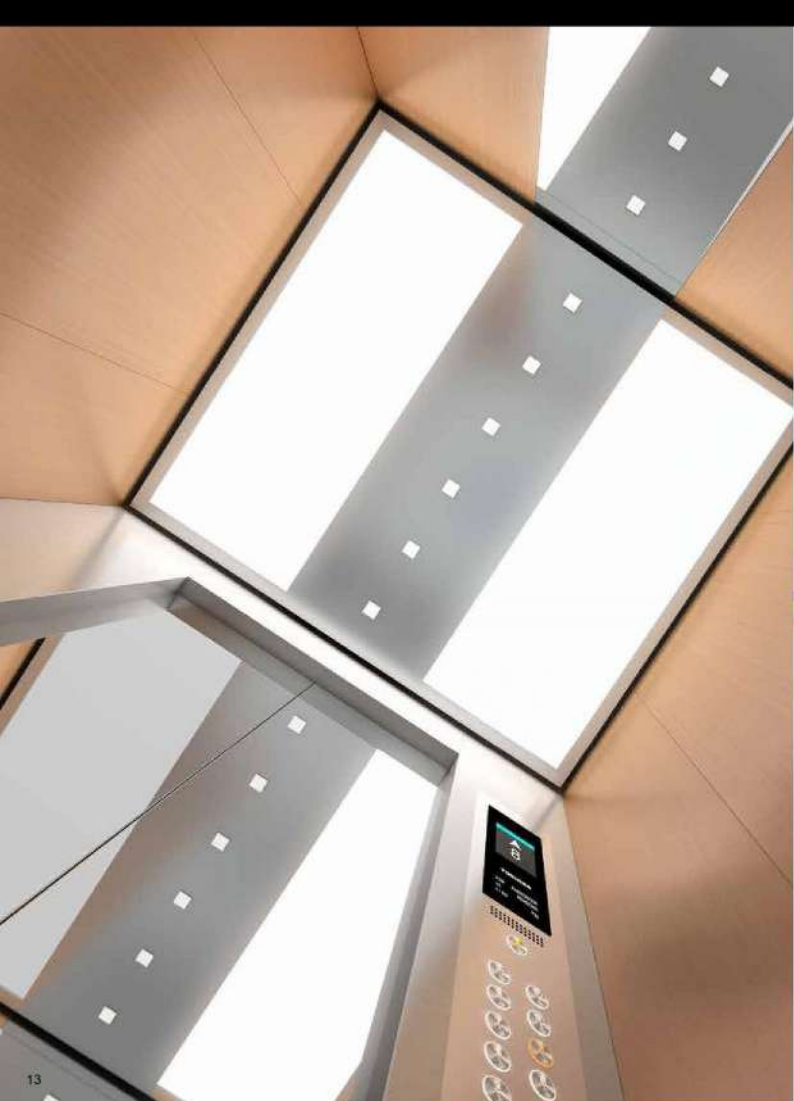
This emergency operation is automatically triggered in case of a fire, when a fire alarm button is actuated, or when a Fire/Smoke Detector detects an abnormality. All hall calls and floor selections are cancelled, passengers are informed of the emergency procedure with a "Fire" sign and a voice announcement and all cars are sent directly to the emergency exit floor. Doors open at the emergency floor and passengers are guided to safety.





Rated load (kg)	476	544	612	748	952	1156	1224	1292	1496	1564	1700	1972
Type	P7	P8	P9	P11	P14	P17	P18	P19	P22	P23	P25	P29

TRANSIFT ROTOFLEX



Expansion of variations in car ceiling design

Suitable for harmonization of a wide variety for building applications and concepts. Expanding the lineup of ceiling designs utilizing LED lighting. All ceiling lighting uses LED lighting to take environmental measures such as long life and energy saving.



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Car Design

OFFICE

OPTIONAL
PRM-1

Front view



Back view



Ceiling design	PRM-1 Light shade (Ceiling entire surface)
Car side panel (Return panel)	Vibration Brush stainless steel
Car side panel (Side panel)	Black color hairline finish stainless steel and Mirror finish stainless steel
Car side panel (Rear panel)	Black color hairline finish stainless steel and Mirror finish stainless steel
Kick plate	Hairline finish stainless steel
Car door	Black color hairline finish stainless steel
Car floor	Marble(JQ-1013)
COP	POP-G1L-104C
Button	KB-3A
Indicator	10.4 inch Color LCD
Remark	Applies to models with a capacity of 1150kg or more.

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Design variations

The publication of this page is an example of design. Please refer to the "DESIGN SELECTION" catalog for each the condition and other designs.

OPTIONAL
PRM-2



OPTIONAL
TL-S2



OPTIONAL
DLC-1



OPTIONAL
SL-3X



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Car Design



RESIDENCE

OPTIONAL

DLX-27

Front view



Front side view



Ceiling design	DLX-27 Hairline finish stainless steel (Central part: Mirror finish stainless steel)
Car side panel (Rear panel)	Hairline finish stainless steel
Car side panel (Side panel)	Hairline finish stainless steel
Car side panel (Rear panel)	Hairline finish stainless steel
Kick plate	Nil
Car door	Hairline finish stainless steel
Car floor	Vinyl tile (MID800)
COP	POP-G1NL
Button	GS-6A-BT
Indicator	LED segment
HCOP	HCOP-G1D (Button UB-1)

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Design variations

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OPTIONAL
DLX-25



OPTIONAL
TL-1



OPTIONAL
DLX-21



OPTIONAL
SL-P1



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Car Design

HOTEL

OPTIONAL
DLX-31

Front view



Back view



Ceiling design	DLX-31 Hairline finish stainless steel
Car side panel (Return panel)	Black color mirror finish stainless steel
Car side panel (Side panel)	Black color mirror finish stainless steel and Mirror etching finish stainless steel (DZ-008)
Car side panel (Rear panel)	Black color mirror finish stainless steel and Mirror etching finish stainless steel (DZ-008)
Kick plate	Nil
Car door	Mirror etching finish stainless steel (DZ-008)
Car floor	Marble(JQ-1012)
CDP	POP-G1L-57B
Indicator	5.7 inch Color LCD

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Design variations

The publication of this page is an example of design. Please refer to the "DESIGN SELECTION" catalog for each the condition and other designs.

OPTIONAL
DLX-24



OPTIONAL
SL-V1



OPTIONAL
DLC-1



STANDARD
SL-1



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Car Design



OPTIONAL
DLX-22

Front view



Back view



Ceiling design	DLX-22 Hairline finish stainless steel
Car side panel (Rear panel)	Vibration finish stainless steel and Mirror finish stainless steel
Car side panel (Side panel)	Vibration finish stainless steel and Mirror finish stainless steel
Car side panel (Rear panel)	Vibration finish stainless steel
Kick plate	Nil
Car door	Mirror finish stainless steel
Car floor	Marble(JQ-1013)
COP	POP-G1L-57B
Button	KB-7B
Indicator	5.7 inch Color LCD

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Design variations

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OPTIONAL
 SL-P1



OPTIONAL
 DLX-28



OPTIONAL
 DLX-23



OPTIONAL
 TL-S1



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Hall Design

Hall Decoration Item Variation

The combination of elevator hall equipment and specifications extends design. It can be easily harmonized with the entrance design of the building.



Hall design 1 OPTIONAL

<i>Hall jamb</i>	Wide inclined type Vibration finish stainless steel
<i>Hall Transom</i>	Vibration finish stainless steel
<i>Hall Door</i>	Vibration finish stainless steel
<i>Hall Indicator / Hall Button</i>	HIB-G1L-43B
<i>Button</i>	KB-1A
<i>Hall Laminar</i>	HL-G1



Note: In the case of jamb with transom, fire-proof specification cannot be applied to the transom.

The actual product colors may vary slightly from those printed colors in this catalog. 10

Hall Design

Hall design 2 OPTIONAL

- Hall jamb* Wide inclined type
Mirror finish stainless steel
- Hall Door* Mirror etching finish stainless steel (DZ-018)
- Hall Indicator* HI-G34-O
- Hall Button* HB-G1K
- Button* KB-1B



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Hall design 3 OPTIONAL

- Hall jamb* Wide inclined type
Hairline finish stainless steel
- Hall Door* Hairline finish stainless steel
- Hall Indicator* HI-G1
- Hall Button* HB-G1
- Button* GS-3LB
- Other* Hall Emergency Operating Panel



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Hall Design

Hall design 4 OPTIONAL

- Hall Jamb* Wide inclined type
Hairline finish stainless steel
- Hall Door* Painted steel panel (77GS)
- Hall Indicator/
Hall Button* HIB-G1NL-O
- Button* GS-7B-B



HIB-G1NL-O



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Hall design 5 OPTIONAL

- Hall Jamb* Narrow type
Hairline finish stainless steel
- Hall Door* Hairline etching finish stainless steel (DZ-007)
- Hall Indicator/
Hall Button* HIB-G1N-O
- Button* NB-1B



HIB-G1N-O



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Hall Design

Hall design 6 STANDARD

- Hall Jamb* Narrow type
Painted steel panel (62YS)
- Hall Door* Painted steel panel (62YS)
- Hall Indicator /
Hall Button* HIB-G1NL-L-O
- Button* GS-7A-BT



HIB-G1NL-L-O



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Hall design 7 OPTIONAL

- Hall jamb* Wide inclined type
Hairline finish stainless steel
- Hall Door* Hairline finish stainless steel
- Hall Indicator* HI-G1L-57B
- Hall Button* HB-G1K
- Button* KB-7A



HB-G1K



HI-G1L-57B



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OPERATION SYSTEMS

TRANSIFT
ROTOFLEX
Feel SAFE, Feel ELEVATED



Operation Systems

Car Operation Panel : G1NL series

※Note: Applicable to Wide Car type models

POP type



POP-G1NL
STANDARD

SL-P1



FCOP type



FCOP-G1NL
STANDARD

DLX-25



Button Line-up

GS-5-B	GS-5A-B	GS-5B-B
GS-5-BT	GS-5A-BT	GS-5B-BT
GS-5-W	GS-5A-W	GS-5B-W
GS-5-WT	GS-5A-WT	GS-5B-WT
GS-6-B	GS-6A-B	GS-6B-B
GS-6-BT	GS-6A-BT	GS-6B-BT
GS-6-W	GS-6A-W	GS-6B-W
GS-6-WT	GS-6A-WT	GS-6B-WT
GS-7-B	GS-7A-B	GS-7B-B
GS-7-BT	GS-7A-BT	GS-7B-BT
GS-7-W	GS-7A-W	GS-7B-W
GS-7-WT	GS-7A-WT	GS-7B-WT
GS-8-B	GS-8A-B	GS-8B-B
GS-8-BT	GS-8A-BT	GS-8B-BT
GS-8-W	GS-8A-W	GS-8B-W
GS-8-WT	GS-8A-WT	GS-8B-WT
UB-3	UB-3A	UB-3B
↑	↑	↑

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Operation Systems

Car Operation Panel : G1NS series & Hall Indicator Button : G1NL series

※Note: Applicable to Wide Car type models

POP type



POP-G1NS
OPTIONAL

FCOP type

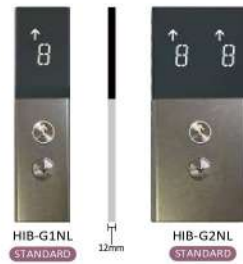


FCOP-G1NS
OPTIONAL

Button Line-up

GS-3L	GS-3LA	GS-3LB
GS-5-B	GS-5A-B	GS-5B-B
GS-5-BT	GS-5A-BT	GS-5B-BT
GS-5-W	GS-5A-W	GS-5B-W
GS-5-WT	GS-5A-WT	GS-5B-WT
GS-6-B	GS-6A-B	GS-6B-B
GS-6-BT	GS-6A-BT	GS-6B-BT
GS-6-W	GS-6A-W	GS-6B-W
GS-6-WT	GS-6A-WT	GS-6B-WT

LED Segment



HIB-G1NL
STANDARD

HIB-G2NL
STANDARD

LED Dot Matrix

※Note: A white color or orange color can also be selected for the LED light.



HIB-G1NL-L
OPTIONAL

HIB-G2NL-L
OPTIONAL

Button Line-up

GS-5-B	GS-5A-B	GS-5B-B
GS-5-BT	GS-5A-BT	GS-5B-BT
GS-5-W	GS-5A-W	GS-5B-W
GS-5-WT	GS-5A-WT	GS-5B-WT
GS-6-B	GS-6A-B	GS-6B-B
GS-6-BT	GS-6A-BT	GS-6B-BT
GS-6-W	GS-6A-W	GS-6B-W
GS-6-WT	GS-6A-WT	GS-6B-WT
GS-7-B	GS-7A-B	GS-7B-B
GS-7-BT	GS-7A-BT	GS-7B-BT
GS-7-W	GS-7A-W	GS-7B-W
GS-7-WT	GS-7A-WT	GS-7B-WT
UB-3	UB-3A	UB-3B

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Operation Systems

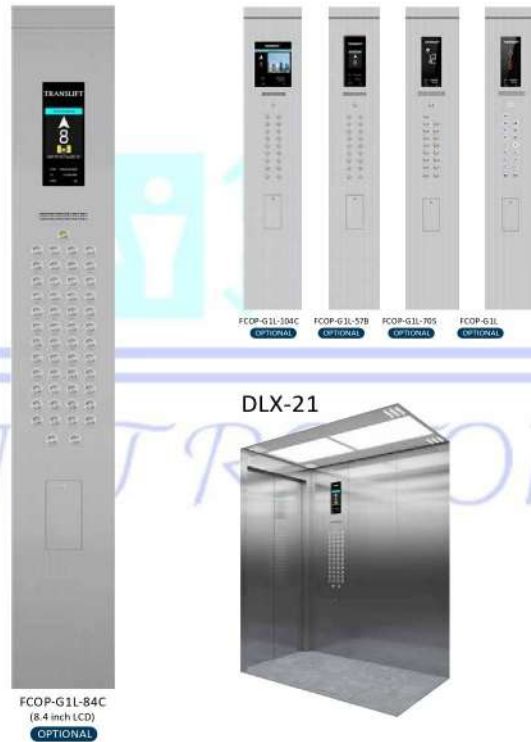
Car Operation Panel : G1L series

※Note: Applicable to Wide Car type models

POP type



FCOP type



Button Line-up

GS-5-B	GS-5A-B	GS-5B-B	GS-7-B	GS-7A-B	GS-7B-B
GS-5-BT	GS-5A-BT	GS-5B-BT	GS-7-BT	GS-7A-BT	GS-7B-BT
GS-5-W	GS-5A-W	GS-5B-W	GS-7-W	GS-7A-W	GS-7B-W
GS-5-WT	GS-5A-WT	GS-5B-WT	GS-7-WT	GS-7A-WT	GS-7B-WT
GS-6-B	GS-6A-B	GS-6B-B	NB-1	NB-1A	NB-1B
GS-6-BT	GS-6A-BT	GS-6B-BT	NB-2	NB-2A	NB-2B
GS-6-W	GS-6A-W	GS-6B-W	UB-1	UB-1A	UB-1B
GS-6-WT	GS-6A-WT	GS-6B-WT	UB-2	UB-2A	UB-2B
GS-6-WT	GS-6A-WT	GS-6B-WT	UB-3	UB-3A	UB-3B
KB-1	KB-1A	KB-1B	KB-2	KB-2A	KB-2B
KB-2	KB-2A	KB-2B	KB-3	KB-3A	KB-3B
KB-4	KB-4A	KB-4B	KB-7	KB-7A	KB-7B
KB-8	KB-8A	KB-8B			

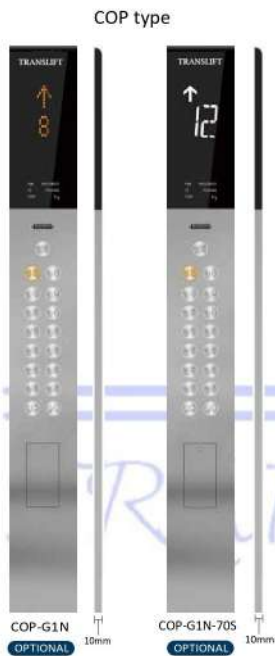
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Operation Systems

Car Operation Panel & Hall Indicator Button : G1N series

※Note: Applicable to Wide Car type models



Button Line-up

NB-1	NB-1A	NB-1B
NB-2	NB-2A	NB-2B

SL-1



Button Line-up

NB-1	NB-1A	NB-1B
NB-2	NB-2A	NB-2B



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Operation Systems

Car Operation Panel & Hall Indicator Button : G1L· G1K series

※Note: Applicable to Wide Car type models

<p>COP type</p>  <p>COP-G1L-57B (5.7 inch LCD) OPTIONAL</p>	<p>HIB type</p>  <p>HIB-G1L-43B (4.3 inch LCD) OPTIONAL</p>	<p>Button Line-up</p> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td>KB-1</td><td>KB-1A</td><td>KB-1B</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>KB-2</td><td>KB-2A</td><td>KB-2B</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>KB-3</td><td>KB-3A</td><td>KB-3B</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>KB-4</td><td>KB-4A</td><td>KB-4B</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>KB-7</td><td>KB-7A</td><td>KB-7B</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>KB-8</td><td>KB-8A</td><td>KB-8B</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> </table>	KB-1	KB-1A	KB-1B	2	2	2	KB-2	KB-2A	KB-2B	2	2	2	KB-3	KB-3A	KB-3B	2	2	2	KB-4	KB-4A	KB-4B	2	2	2	KB-7	KB-7A	KB-7B	2	2	2	KB-8	KB-8A	KB-8B	2	2	2	<p>COP type</p>  <p>COP-G1K-O OPTIONAL</p>	<p>HIB type</p>  <p>HIB-G1K3-O OPTIONAL</p>  <p>HIB-G2K3-O OPTIONAL</p>	<p>Button Line-up</p> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr><td>KB-1</td><td>KB-1A</td><td>KB-1B</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>KB-2</td><td>KB-2A</td><td>KB-2B</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>KB-3</td><td>KB-3A</td><td>KB-3B</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>KB-4</td><td>KB-4A</td><td>KB-4B</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>KB-7</td><td>KB-7A</td><td>KB-7B</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>KB-8</td><td>KB-8A</td><td>KB-8B</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>UB-1</td><td>UB-1A</td><td>UB-1B</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>UB-2</td><td>UB-2A</td><td>UB-2B</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> </table>	KB-1	KB-1A	KB-1B	2	2	2	KB-2	KB-2A	KB-2B	2	2	2	KB-3	KB-3A	KB-3B	2	2	2	KB-4	KB-4A	KB-4B	2	2	2	KB-7	KB-7A	KB-7B	2	2	2	KB-8	KB-8A	KB-8B	2	2	2	UB-1	UB-1A	UB-1B	2	2	2	UB-2	UB-2A	UB-2B	2	2	2
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Operation Systems

Car Operation Panel : HCOP series

※Note: Applicable to Wide Car type models

HCOP type



HCOP-G1D
OPTIONAL



HCOP-G1D-N
OPTIONAL



HCOP-G1NS-N
OPTIONAL



HCOP-G1K-N
OPTIONAL

DLX-27



Button Line-up

UB-1	UB-1A	UB-1B
2	2	2
UB-2	UB-2A	UB-2B
2	2	2

Button Line-up

GS-5-L	GS-5-LA	GS-5-LB
GS-5-B	GS-5A-B	GS-5B-B
GS-5-BT	GS-5A-BT	GS-5B-BT
GS-5-W	GS-5A-W	GS-5B-W
GS-5-WT	GS-5A-WT	GS-5B-WT
GS-6-B	GS-6A-B	GS-6B-B
GS-6-BT	GS-6A-BT	GS-6B-BT
GS-6-W	GS-6A-W	GS-6B-W
GS-6-WT	GS-6A-WT	GS-6B-WT

Button Line-up

KB-1	KB-1A	KB-1B
2	2	2
KB-2	KB-2A	KB-2B
2	2	2
KB-3	KB-3A	KB-3B
2	2	2
KB-4	KB-4A	KB-4B
2	2	2
KB-7	KB-7A	KB-7B
2	2	2
KB-8	KB-8A	KB-8B
2	2	2

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