

Installation Manual

IS Technology Micro-V4 Series Pre-Wiring

(English Version)

IS-PREW V4.2

Pre-wiring Manual for IS technology

Micro-V4 Series IS-PREW V4.2

Shaft Prewiring IS Technology (Typical Parallel System)

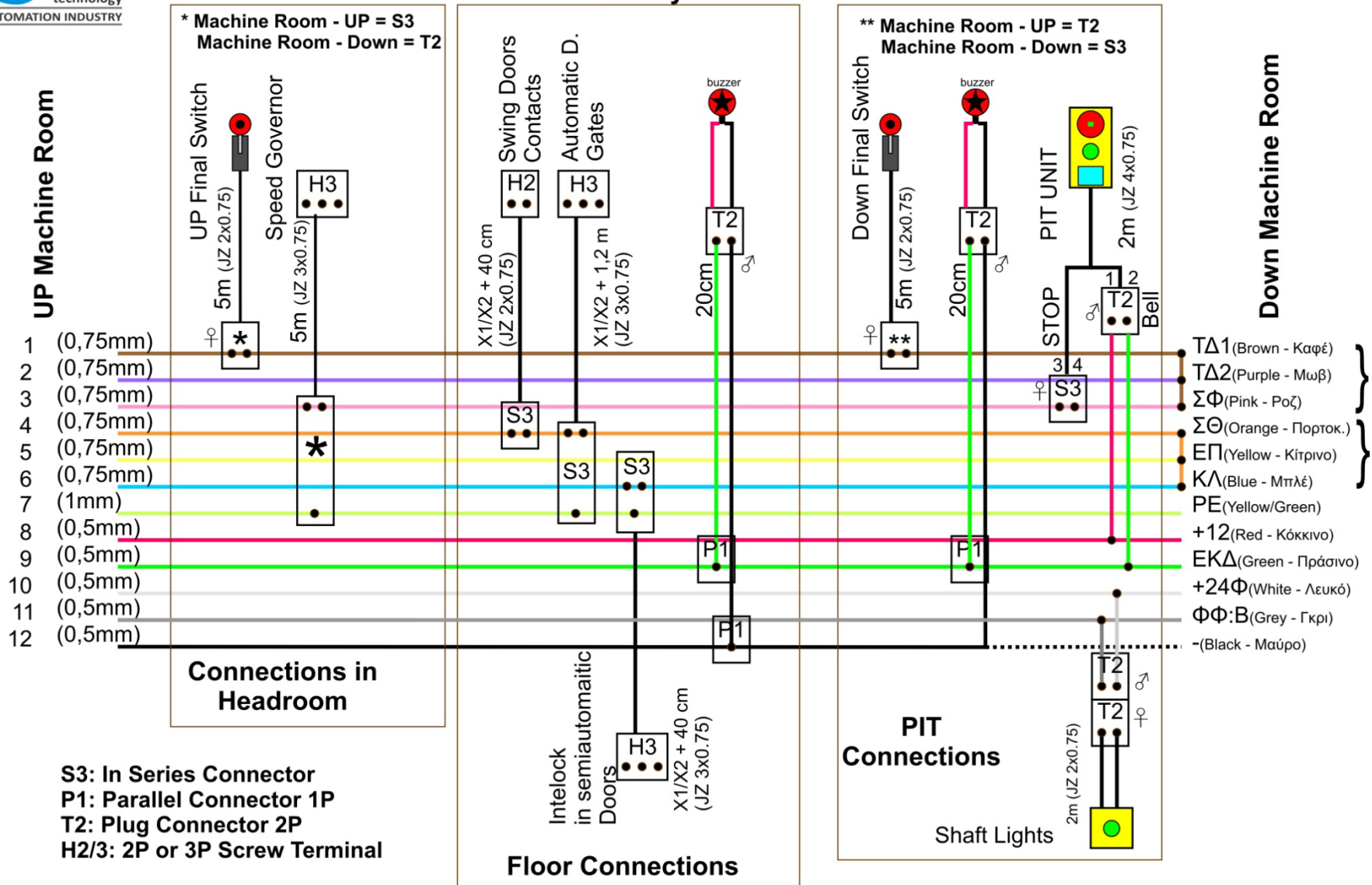
Cable Number	L1 - Safety Loom				L2 - Shaft Lights Loom				L3 - Display Ind. Loom				L4(L5) - Landing Calls-Down Loom (Landing Calls-UP Loom)			
	Terminal	Color	Size mm ²	Description	Terminal	Color	Size mm ²	Description	Terminal	Color	Size mm ²	Description	Terminal	Color	Size mm ²	Description
1	TΔ1	Brown	0,75	Final Switches (Start)	ΦΦ:L	Brown	1	Shaft Lights - Phase (230Vac)	+24Φ	Red	0,75	+24Vdc	D1 (U1)	Green	0,5	Κλήση 1ου
2	TΔ2	Purple	0,75	Final Switches (End) - Shaft Stop (Start)	ΦΦ:N	Blue	1	Shaft Lights - Neutral (N)	-	Black	0,75	0Vdc	D2 (U2)	White	0,5	Κλήση 2ου
3	ΣΦ	Pink	0,75	Shaft Stop (End)	PE	Yellow/ Green	1	Ground - L2	↑	Brown	0,75	Up Direction Arrow	D3 (U3)	Pink	0,5	Κλήση 3ου
4	ΣΘ	Orange	0,75	Landing Doors (Start)	TΦN1	Grey	0,5	Tel Line / Intercom Line	↓	Purple	0,75	Down Direction Arrow	D4 (U4)	Orange	0,5	Κλήση 4ου
5	ΕΠ	Yellow	0,75	Landing Doors (End) - Door Locks (Start)	TΦN2	White	0,5	Tel Line / Intercom Line	A - L1	Pink	0,75	Binary A Decimal 0	D5 (U5)	Yellow	0,5	Κλήση 5ου
6	ΚΛ	Blue	0,75	Door Locks (End)	+24Φ	Red	0,5	+24V	B - L2	Orange	0,75	Binary B Decimal 1	D6 (U6)	Blue	0,5	Κλήση 6ου
7	PE	Yellow/ Green	1	Ground - L1	ΠΑ	Green	0,5	Up Pre final Switch	C - L3	Yellow	0,75	Binary C Decimal 2	D7 (U7)	Yellow/ Green	0,5	Κλήση 7ου
8	+12	Red	0,5	+12V dc	ΠΚ	Black	0,5	Down Pre final Switch	D - L4	Blue	0,75	Binary D Decimal 3	D8 (U8)	Grey	0,5	Κλήση 8ου
9	EΚΔ	Green	0,5	Siren Signal	*REV1	Pink	0,75	Shaft Inspection Signal	E - L5	Yellow/ Green	0,75	Binary E Decimal 4	D9 (U9)	Brown	0,5	Κλήση 9ου
10	+24Φ	White	0,5	+24Vdc	*UP	Orange	0,75	Shaft Inspection Up Command	L6	Green	0,75	Decimal 5	D10 (U10)	Purple	0,5	Κλήση 10ου
11	SL ή ΦΦ:B	Grey	0,5	Shaft Light Trigger Sw.	*DWN	Yellow	0,75	Shaft Inspection Down Command	L7	White	0,75	Decimal 6	ΓΕΦ *	Red	0,5	Γενικό Εκλήθη
12	-	Black	0,5	0Vdc	*REV	Purple	0,75	Shaft Inspection Signal Common Signal	L8	Grey	0,75	Decimal 7	ΓΚΦ *	Black	0,5	Γενικό Κλήσεων

* Only in special occasions.

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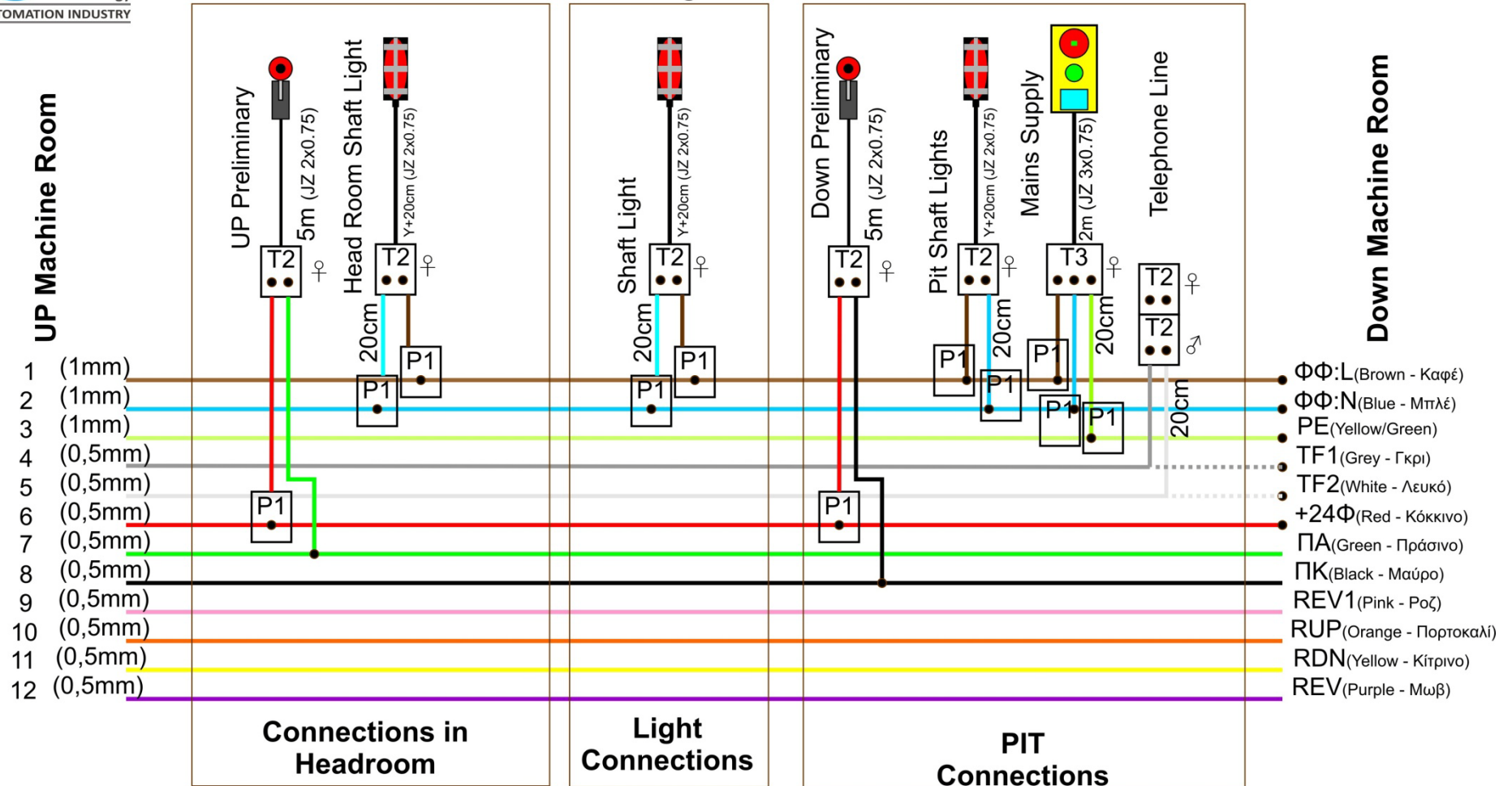
Shaft Pre-wiring L1. Safety Circuit



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Shaft Pre-wiring L2. Shaft Lights Connections



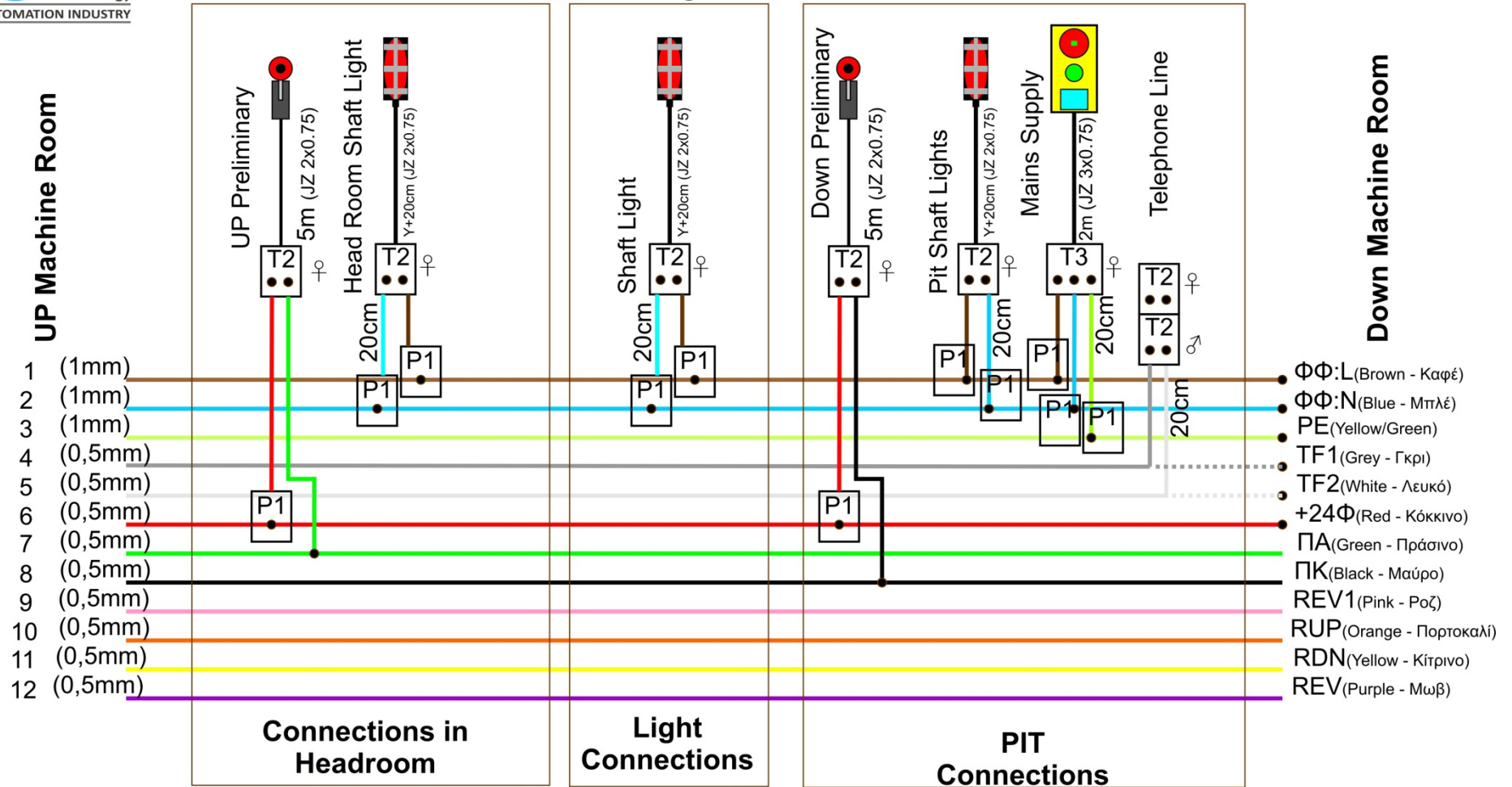
*One Bell: In 1st Floor
Two Bells: In 1st Floor + In Last Floor
Three Bells: In 3rd Floor + In 1st Floor + In Last Floor

S3: In Series Connector
P1: Parallel Connector 1P
T2: Plug Connector 2P
H2/3: 2P or 3P Screw Terminal

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Shaft Pre-wiring L2. Shaft Lights Connections



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FLAT 1		
PE	PE	Cabin Ground
23	LD	Doors Supply (220Vac) (Cabin Socket)
22	ND	Door Supply Neutral (220Vac) (Cabin Socket)
21	ΓΘ:N	Car Lights Neutral
20	ΦΘ:L	Car Lights Phase (42 or 220 Vac)
19	ΜΓ+ / 42	Automatic Doors Close Command (NO) Swinging Doors - Bus Cam + & Bus Close Command +
18	ΜΓ- / 4C	Automatic Doors Door Command Common (COM) Swinging Doors - Bus Cam - & Bus Close Command -
17	RES1 / 41	Automatic Doors Open Command (NO) Swinging Doors - Bus Spare Cable
16	ΠΧ	Cabin Stop (Safety)
15	ΣΘ	Cabin Stop (Safety)
14	ΚΑ	Cabin Door (Safety)
13	ΘΘ	Cabin Door (Safety)
12	ZB2	Hydraulic: Zone B- Traction: Spare Cable1 / Speaker SP2 for >8 stops)
11	ZB1	Hydraulic: Zone B+ Traction: Spare Cable1 / Speaker SP1 for >8 stops)
10	ZA2 / FUL	Hydraulic: Zone A- Traction: Full
9	ZA1 / ΥΠ	Hydraulic: Zone A+ Traction: Overload
8	ΣΑΑ	UP Count-Stop (Pencil Switch)
7	ΣΑΚ	Down Count-Stop (Pencil Switch)
6	ΠΑ	Up Pre Final Switch
5	ΠΚ	Down Pre Final Switch
4	REV	Inspection signal
3	ΕΚΔ	Bell Signal
2	+12	+12 Vdc
1	+24	+24 Vdc

FLAT 2		
PE	PE	Cabin Ground
23	TFN2	Telephone Line 2
22	TFN1	Telephone Line 1
21	-	Common Cabin -12Vdc & -24Vdc
20	ΦΑ	Emergency Light +
19	DC/SL	Automatic Doors Close $\geq$ $\leq$ or Shaft Light Trigger Swinging Doors - Bus K10 or Shaft Light Trigger
18	DO	Automatic Doors Reopen $\leq$ $\geq$ Swinging Doors - Bus K9
17	SP2/K10	<9 Stops Speaker SP2 > 8 Stops K10
16	SP1/K9	<9 Stops Speaker SP1 > 8 Stops K9
15	ΛΥΠ	Overload Indication (+24Vdc)
14	DWN	Down Direction Arrow
13	UP	Up Direction Arrow
12	D / RES1	<9 Stops Spare Cable (OVLd when Traction with pre opening) > 8 Stops D - Floor Indication
11	C	C - Floor Indication
10	B	B- Floor Indication
9	A	A - Floor Indication
8	K8	8th Floor Cabin Call
7	K7	7th Floor Cabin Call
6	K6	6th Floor Cabin Call
5	K5	5th Floor Cabin Call
4	K4	4th Floor Cabin Call
3	K3	3rd Floor Cabin Call
2	K2	2nd Floor Cabin Call
1	K1	1st Floor Cabin Call

