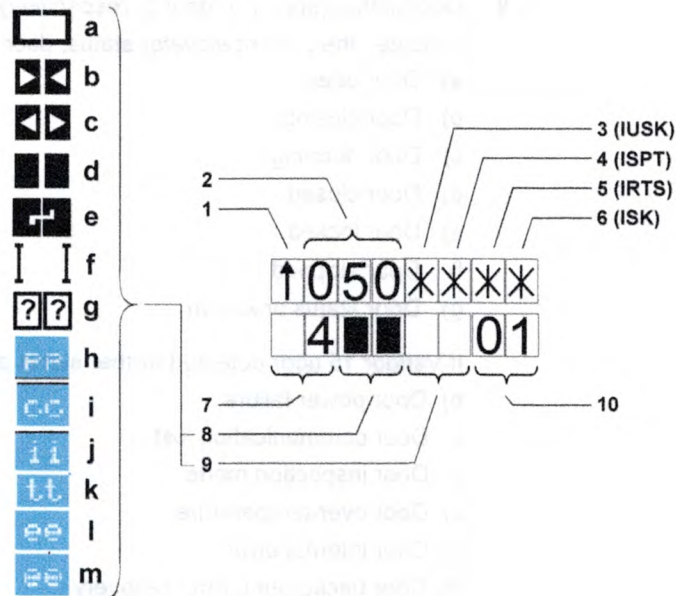### 4.9.1.3 User Interface (HMI)

[24178; 01.12.2015]

Pos.	Description and Remarks
1	Travel direction of the car (UP, DOWN or "-" for not defined)
2	Actual car speed [in 10 mm/s]
3	Virtual LED "IUSK" indicating safety circuit status: • "Asterisk ON" indicates that the safety circuit is closed and energized. • "_" indicates that the safety circuit up to contact IUSK is open.
4	Safety LED "ISPT" indicating safety contact status: • "Asterisk ON" indicates that the safety circuit is closed from contact IUSK up to ISPT. • "_" indicates that the safety circuit is open from contact IUSK up to ISPT.
5	Safety LED "IRTS" indicating safety contact status: • "Asterisk ON" indicates that the safety circuit is closed from contact ISPT up to IRTS. • "_" indicates that the safety circuit is open from contact ISPT up to IRTS. In this case, at least one landing door is open (contact KTS). • "!" indicates that the safety circuit is bridged using a LOCK/LAND bypass socket.
6	Safety LED "ISK" indicating safety contact status: • "Asterisk ON" indicates that the safety circuit is closed from contact IRTS up to ISK. • "_" indicates that the safety circuit is open from contact IRTS up to ISK. • "!" indicates that the safety circuit is bridged using a CAR bypass socket. • "U" indicates that the safety circuit is bridged using SUET device.

Position no. 3, 4, 5, 6 show the name of the first safety chain tap, which is inactive if the up button is pressed.

| Pos	Description and Remarks
7	Number = Actual floor level of the car

Pos	Description and Remarks

8, 9   Door status (door 1 or door 2, respectively), see figure

Indicates the current elevator status, door status is blank if no door is present

a) Door open

b) Door closing

c) Door opening

d) Door closed

e) Door locked

f) Door stopped

g) Door status unknown

If Varidor 15 door detected further status are shown:

h) Door power failure

i) Door communication lost

j) Door inspection mode

k) Door over-temperature

l) Door internal error

m) Door background error recovery
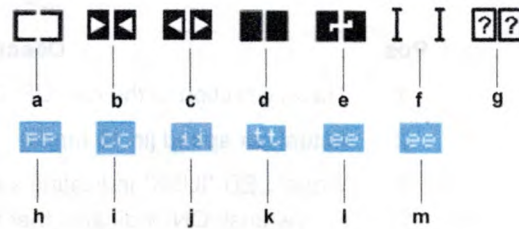
[604639_020; 01.12.2015]

4.9.1.4 Elevator Status (Indication on HMI)

System Status

No	System Status	No	System Status
00	Out of service operation	53	Inspection machine room
01	Passenger travel operation	54	Inspection top of car
02	Independent operation, reservation control	57	Test travel
03	Fire operation	58	Acceptance Test mode
05	Emergency power operation without load monitoring	59	Learning travel
06	Earthquake operation	60	Inspection preparation travel
08	Sprinkler operation	61	Overspeed governor reset travel
10	Attended passenger travel operation	65	Inspection in pit
11	Passenger travel operation without load monitoring	67	TSD21
13	Power saving mode	70	Elevator recovery
16	Hospital emergency travel	71	Elevator temperature recovery
19	Passenger travel full load service	72	Elevator car position recovery
20	In car alarm passenger travel operation service	73	Elevator door position recovery
29	Move around operation	75	Out of service due to safety chain open at ISPT
37	Out of service due to stop in car	80	Stop switch
39	Out of service due to car overload	86	Stop switch pressed in the pit
40	Out of service due to invalid configuration data	87	Out of service due to brake failure (brake torque monitoring test failed)
42	Out of service due to invalid LMS configuration	88	Out of service due to static safety circuit open
44	Out of service from remote	91	Elevator startup
45	Out of service STM monitoring failure	97	Elevator breakdown persistent limited operation
51	Installation travel	98	Elevator breakdown
52	Configuration mode	99	Elevator breakdown persistent

Buttons Navigation

HMI on SMICHMI [23261; 31.08.2007]
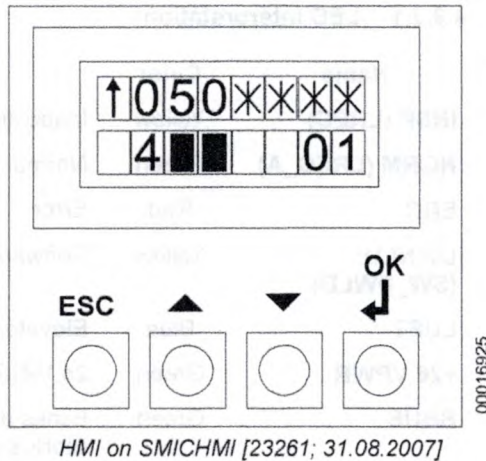
Name	Description
ESC	• Go up one level in the menu tree • Leave menu/item (without saving anything)
UP/DOWN	• Navigate up or down within the menu tree • Increase or decrease the displayed value
OK (RETURN, ENTER)	• Go down one level in the menu tree • Confirm the entered value

Menu Functions

Main Menu	Menu Function	Main Menu	Menu Function
10	Special commands such as Reset, Learning Travel, Car Calls, etc.	50	Diagnostics, error log
20	Automatic (Assisted) acceptance tests	60	Statistics
30	Status, system info	70	ACVF monitoring (Biodyn xx C BR, Vacon NXP)
40	Configuration		

Overview Main Menu

4.9.2 Maintenance Checks

4.9.2.1 LED Interpretation

LEDs on SMICHMI2x

Name	Color	Description
INSP (LREC)	Yellow	Inspection mode
NORM (LREC_A)	Green	Normal mode
ERR	Red	Error
DWNLD (SW_DWLD)	Yellow	Software download
LUET	Blue	Elevator in door zone
+26 VPWR	Green	24 V-NGL supply present on SMICFC2x
BBUS	Green	Blinks during BioBus communication, ON when BioBus is 0 V
LZS	Red	On when SPHR device is activated (populated only on SMICHMI21)

LEDs on SDIC7x:

LED	HW Relevant	Color	Set by
PWR	Light ON when 26 V_NGLC or 13 V_NSGC present	Green	HW
CANC	Light ON when CAN1 (elevator bus) communication cannot be established by the µC	Red	µC
CANCx	Light ON when CAN2 (car bus) communication cannot be established by the µC	Red	µC
LUET	Light ON when output 'LUET' is active	Green	µC
ISK	Light ON when input 'T5/ISK' on SMICFC PCBA is active	Green	µC
PHS	Light ON when input 'PHS' is active	Green	µC
2PHS	Light ON when input '2PHS' is active	Green	µC
UET	Light ON when input 'RFUET' is not active	Red	µC
NOK	Light ON when µC is in reset mode, µC at startup, µC not programmed, µC watchdog timer is elapsed, or a hardware problem is detected by µC. Light OFF when µC and hardware work both correctly	Red	µC
DWNLD	Blinking when SW/FW download process is ongoing	Yellow	µC
LMS	Light ON if 'CLC1' input frequency < 10 kHz or > 20 kHz. Light OFF if 'CLC1' input frequency ≥ 10 kHz and ≤ 20	Red	µC
XCOP	Light ON when input 'COP_DETECT' not active	Red	µC
DOOR/CANT	Light ON when door front side not connected	Red	µC

LED	HW Relevant	Color	Set by
2DOOR/2CANT	Light ON when door rear side not connected	Red	µC
REC	Blinking when input 'N_REC' or 'N_JHC' active	Yellow	µC
KSE-U	Light ON when input 'KSE_U' active	Green	µC
KSE-D	Light ON when input 'KSE_D' active	Green	µC

LEDs on SEM3x

Name	Description
BATT12	Yellow LED - indicates the status/level of the 12 V battery – ON = Normal operation – 1 Hz blinking = Battery level < 10% – Slow blinking = Battery has been charged for 30 minutes – Fast blinking = Battery has been charged for 24 hours
BATT24	Yellow LED - indicates the status/level of the 24 V battery – ON = Normal operation – 1 Hz blinking = Battery level < 10 % – Slow blinking = Battery has been charged for 30 minutes – Fast blinking = Battery has been charged for 24 hours
CAN	Red LED - indicates transmission errors on I2C/CAN bus to SMICFC2x
PWR	Green LED - indicates that 24 V-NGL power or battery supply to SEM3x PCBA is OK
NOK	Red LED - indicates errors on SEM3x PCBA = SEM3x either not working or reset in progress
AC	Red LED - indicates that mains power to SEM3x PCBA is missing
DWLD	Yellow LED - indicates that a download to microcontroller is in progress
EVAC	Green or red LED - green indicates that evacuation is fully operational - red indicates that evacuation is possible but the SEM3x PCBA needs to be replaced as soon as possible
BOOST	Yellow LED - indicates that the booster output voltage (PEBO) is OK
JEM ON	Yellow LED inside DEM pushbutton - flashing indicates that the JEM switch is set to ON (evacuation enabled)