

VEGA®

ITALIAN STYLE FOR LIFTS

TLM-X ITALO

TOUCHLESS/PUSH BUTTON



ENG

BODY: squared stainless steel and nylon button;

BEZELS: deep drawn bezel in stainless steel AISI 304 (gold PVD coated is an optional);

MOUNTING: the button is put into the cutout (32.5x32.5 mm) from the front and fixed by a snap fitting;

FACEPLATE THICKNESS: from 0,7 to 3 mm;

FRONT SIDE: polycarbonate with stainless steel AISI304 or gold/black PVD coated finishes; raised legend(s) and braille;

STROKE: 1.2mm;

DEGREE OF PROTECTION: IP51;

WIRING: MINISPOX connectors (5268 series);

POWER SUPPLY: 8,0 VDC to 30 VDC;

ABSORPTION: 70mA max (see table 1 for details);

LIGHTING: double color - independent light for busy signal (see table 2 for details);

ILLUMINATION (busy signal): 24Vdc or 12Vdc for alarm button. I=30mA max;

TOUCHLESS SENSOR: proximity sensor with integrated IR emitter (850nm) and laser emitter;

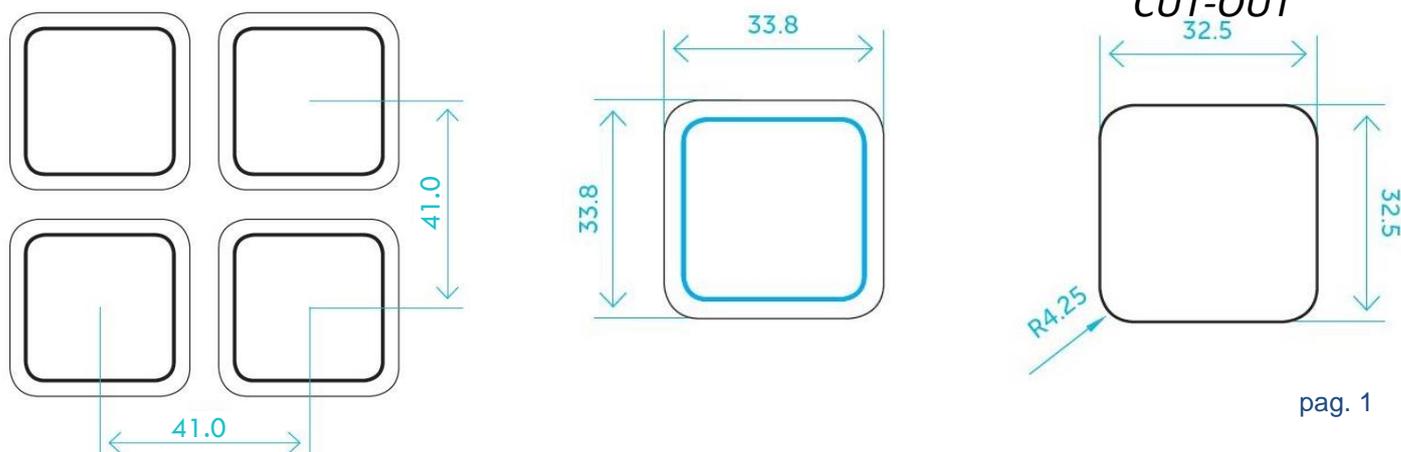
ACTIVATION DISTANCE: 3 cm max;

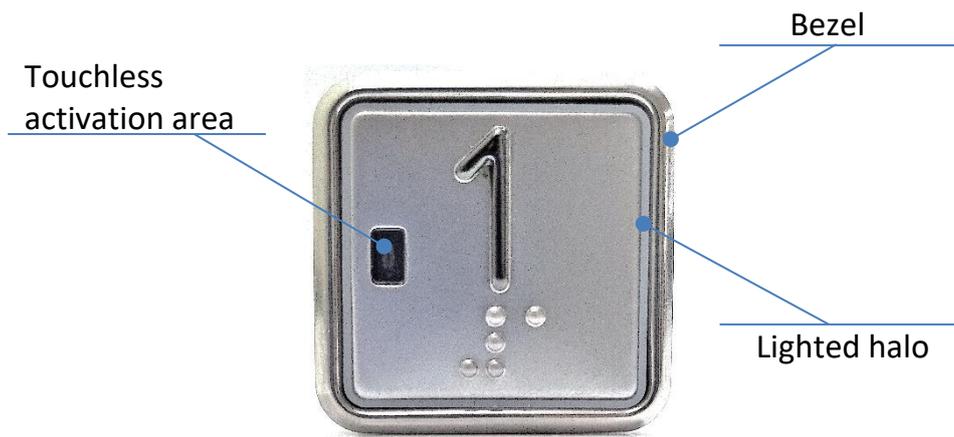
CONTACT OUTPUT: Mechanical – 1 microswitch: N.O. (normally open) or N.C. (normally closed) for alarm button;

Touchless - 1 contact: N.O. (normally open) or N.C. (normally closed) for alarm button;*

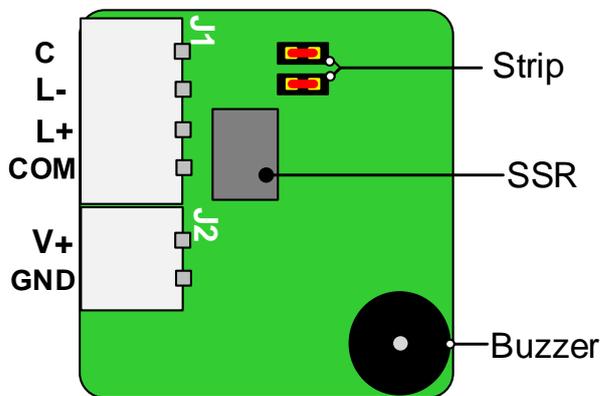
*SSR: Solid State Relay (Maximum applicable values: 30V DC – 0.2A);

WORKING TEMPERATURE RANGE: from -15°C to +50°C.





MINISPOX connectors



J1

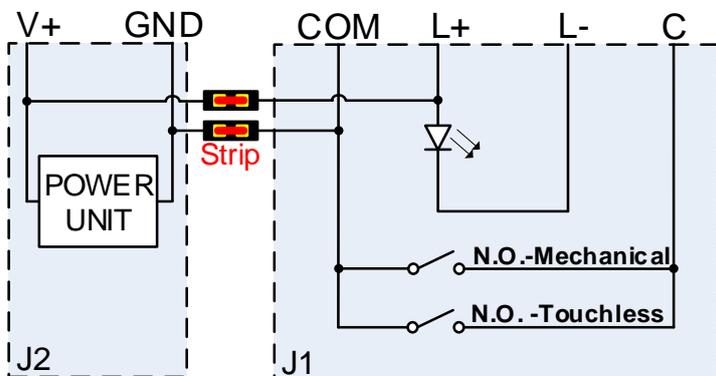
- COM:** Common contact;
- L+:** Busy light (+) – 12Vdc or 24Vdc;
- L-:** Busy light (-) – 0 Vdc;
- C:** Contact output – N.O. or N.C.

J2: Power supply

- V+:** 8,0 Vdc to 30 Vdc
- GND:** 0 Vdc

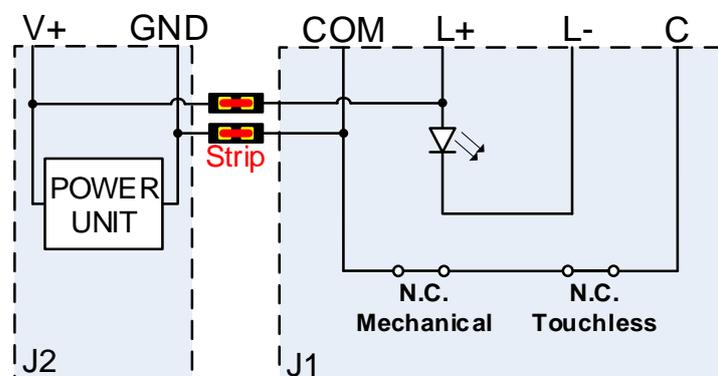
WIRING DIAGRAM

Call / Service / Alarm button - N.O.



Normally open configuration

Alarm button - N.C.



Normally closed configuration

STRIP function:

- when the jumpers (in red in the wiring diagram) are inserted, the button will be connected to the controller only with the J1 connector.
- when the jumpers are disconnected, the button must be supplied with the J2 connector. J1 connector provides the contact and busy light.

To connect this button to another controller use adapter cable for J1 and J2 connectors.
Cables code are: **CU6.MSP-JST25.0150-SCH** (1.5m) or **CU6.MSP-JST25.0300-SCH** (3m)

ABSORPTION

	STAND BY	ACTIVE
12 VDC	45 mA	70 mA
24 VDC	25 mA	35 mA

Table 1

LIGHTING

Call button and service button (DTO, DTS)	<u>BICOLOR</u> -White light: stand by; -Red light: call or service function activated;
Alarm button	<u>MONOCOLOR</u> -No light: stand by; -Yellow light: alarm activated;

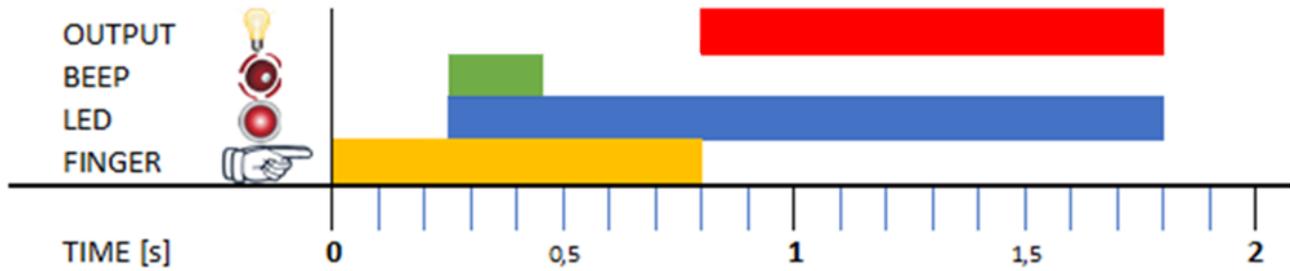
Table 2

OUTPUT

Call / Service / Alarm button – N.O.	Alarm button – N.C.
Contact output N.O. (normally open) <i>Touchless and mechanical contacts in parallel</i>	Contact output N.C. (normally closed) <i>Touchless and mechanical contacts in series</i>

DESCRIPTION MODE

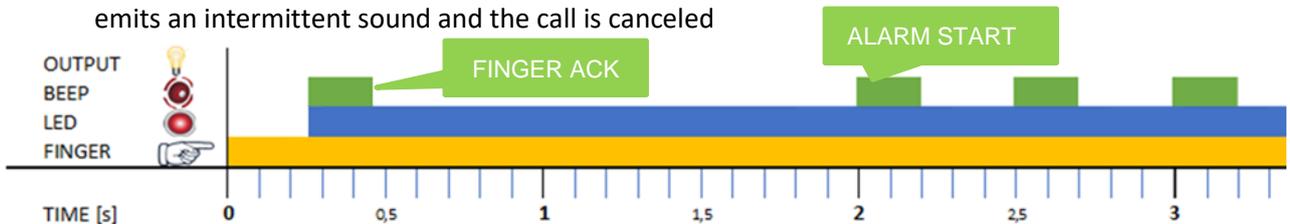
CALL BUTTON



1. Place a finger at a distance between 3 cm and 1.5 cm
2. The button turns red after 250 msec
3. When the finger is removed, the call remains active for 1 sec
4. As long as the call is active, the button remains red and ready for the call

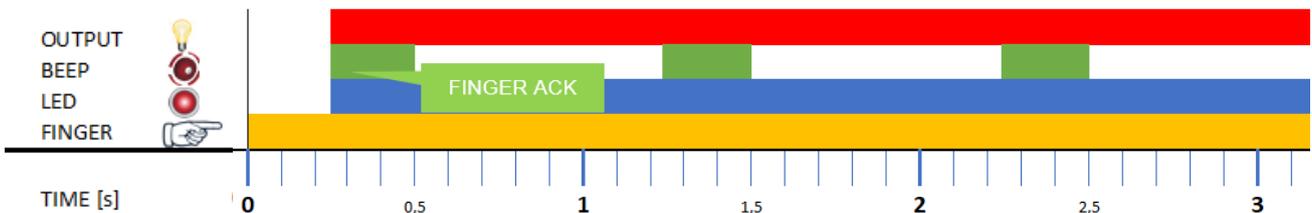
TECHNICAL NOTES

1. A software filter for direct sunlight is active
2. The output command is activated on release to avoid:
 - a. Unwanted calls: For example, if a person involuntarily leans back
 - b. Accidental calls: a fly leaning on the sensor
3. If you stay on the button area for more than 2 seconds, the alarm function is activated: the buzzer emits an intermittent sound and the call is canceled



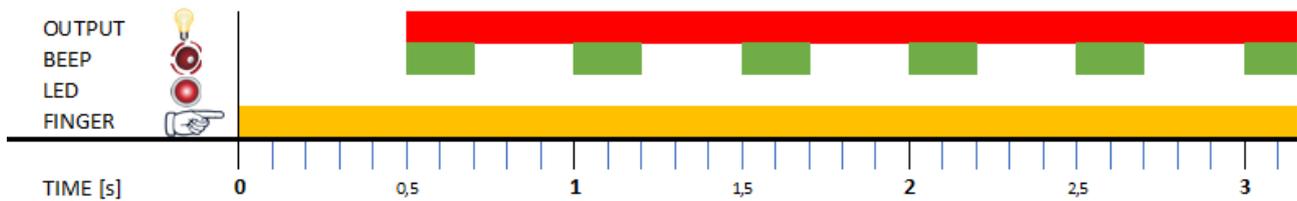
4. The alarm function lasts a maximum of 1 minute after which the button remains red, but the beep is deactivated to avoid acoustic disturbances
5. Filtering software is active to prevent long distance calls from the reflectors

SERVICE BUTTON (DTO, DTS)



1. Place a finger at a distance between 3 cm and 1.5 cm
2. After 250 msec the button turns red and the call is activated
3. if you remove your finger, the call is interrupted

ALARM BUTTON



1. Place a finger at a distance between 3 cm and 1.5 cm
2. In 250 msec the finger is intercepted
3. After another 250 msec, the call is activated
4. if you remove your finger, the call is interrupted

TECHNICAL NOTES

1. A software filter for direct sunlight is active
2. If you stay on the button area for more than 21 seconds, the alarm function is activated: the buzzer emits an intermittent sound
3. The alarm function lasts a maximum of 1 minute after which the beep is deactivated to avoid acoustic disturbances
4. Filtering software is active to prevent long distance calls from the reflectors
5. The LED light is fixed

WARNINGS

1. The fly filter cannot work in this model and unwanted calls can be made

CAREFULLY READ THE WARNINGS FOR CLEANING !!!

Our push buttons must

be cleaned only and exclusively with a COTTON RUG and WARM WATER



Avoid every use of chemical substances, above all for plastic surfaces

Most of Vega products are made in polycarbonate, ABS, methacrylate or Nylon 66. The use of many cleaning products with caustic soda, hydrocarbons, hydrochloric acid, nitric acid, acetic acid, ethyl alcohol and methyl alcohol are strictly prohibited

VEGA

ITALIAN STYLE FOR LIFTS

VEGA s.r.l., Via Degli Appennini, 11-13 –
63845 Ponzano di Fermo (FM) Italy – P. Iva 01578140442
Tel. +39.0734.631941 – Fax: +39.0734.636098