



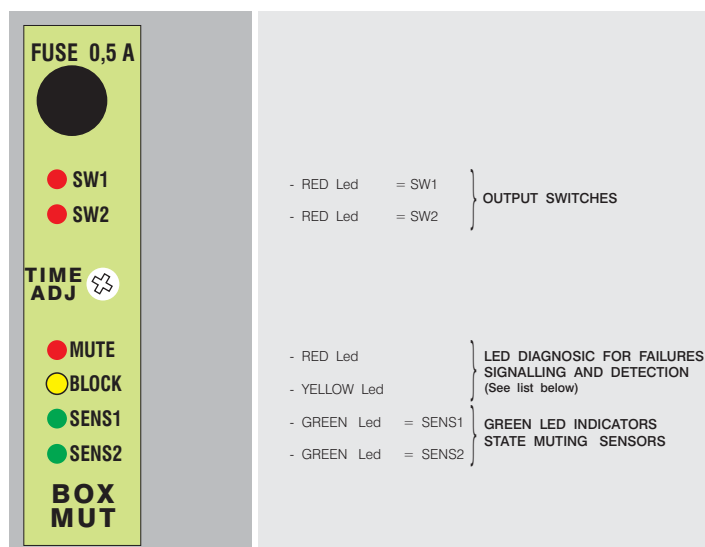
Temporary MUTING of the Safety Light Curtain in TYPE2 in relation to the cycle of the machine. The MUTING function is necessary for the normal automatic cycle of a plant when the object must cross the lightguard without provoking the machine stop.

The palletizer is an example since the palletized product must pass free through the area controlled by the light curtain, while the access of a person must provoke an immediate stop of the plant.

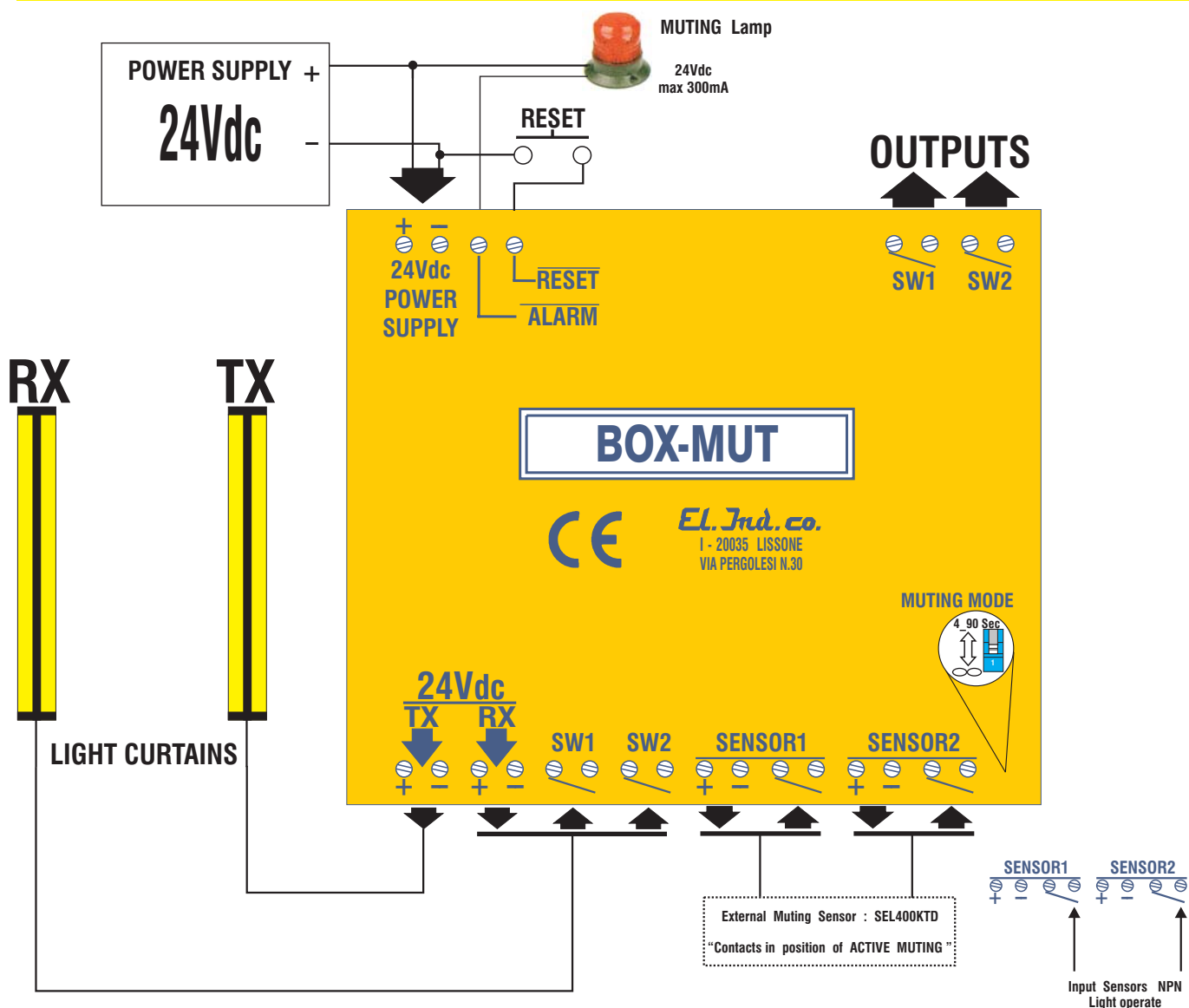
**Applications** : palletizers - robot area - mounting areas - industrial automatic warehouses - etc ...

### TECHNICAL FEATURES

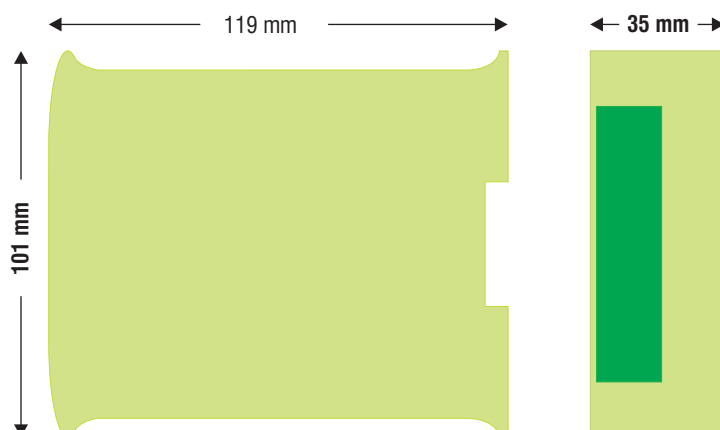
Power Supply	24Vdc $\pm$ 10%
Absorption	40 mA
Type 2 Inputs	2 NO (switches SW1 - SW2)
Type 2 Outputs	2 NO (switches SW1 - SW2)
Outputs Current	0,75 A @ 40Vdc
Outputs Protection	Short circuit or overcharge
Input Muting Sensors	2 contacts NO or NPN (see diagram electrical connection)
MUTING Protection Time	4÷90 seconds or infinite through microswitches (MUTING MODE)
Housing	Blend PC/ABS self-autoextinguishing DIN RAIL (EN60715)
Housing Section	101 x 119 x 35 mm
Protection Degree	IP20
Working Temperature	0 / +55 °C
Directives	2006/42/EC - 2004/108/EC - 2006/95/EC
Standards	CEI-EN 61496/1 - CEI-CLC/TS 61496-2



LEDs STATE	SITUATION	SOLUTION
<ul style="list-style-type: none"> <li>● SW1 = } Following the state of the light curtain</li> <li>● SW2 = }</li> <li>● MUTE = OFF</li> <li>● BLOCK = OFF</li> <li>● SENS1 = ON</li> <li>● SENS2 = ON</li> </ul>	<p><b><u>NORMAL OPERATION</u></b></p> <p>No Muting request</p>	
<ul style="list-style-type: none"> <li>● SW1 = ON</li> <li>● SW2 = ON</li> <li>● MUTE = BLINKING</li> <li>● BLOCK = OFF</li> <li>● SENS1 = OFF</li> <li>● SENS2 = OFF</li> </ul>	<p><b><u>MUTING - ON</u></b></p> <p>Corrects working of the machine and the Light Curtain in muting-mode. ALARM output in ON STATE (MUTING Lamp)</p>	
<ul style="list-style-type: none"> <li>● SW1 = } Following the state of the light curtain</li> <li>● SW2 = }</li> <li>● MUTE = ON</li> <li>● BLOCK = ON</li> <li>● SENS1 = } State disparity sensors</li> <li>● SENS2 = }</li> </ul>	<p><b><u>BLOCK</u></b></p> <p>Disparity of Muting sensors "SENSOR1" "SENSOR2" more than 2 seconds</p>	<p>Eliminate the cause and then push the external button Reset</p>
<ul style="list-style-type: none"> <li>● SW1 = OFF</li> <li>● SW2 = OFF</li> <li>● MUTE = OFF</li> <li>● BLOCK = ON</li> <li>● SENS1 = OFF</li> <li>● SENS2 = OFF</li> </ul>	<p><b><u>MUTING NOT ALLOWED</u></b></p> <p>Request of Muting when the light curtain is in the alarm state</p>	<p>Free the sensitive curtain of the light curtain and the Muting sensors from possible obstacle</p>
<ul style="list-style-type: none"> <li>● SW1 = } Following the state of the light curtain</li> <li>● SW2 = }</li> <li>● MUTE = } Simultaneous blinking</li> <li>● BLOCK = }</li> <li>● SENS1 = OFF</li> <li>● SENS2 = OFF</li> </ul>	<p><b><u>TIME - OUT</u></b></p> <p>Muting time over-range set by the regulator TIME- ADJ (only MUTING MODE set on 4 ÷ 90 sec.)</p>	<p>Free the stand still obstacle among the Muting sources (photocells, switches, etc...)</p>



## MECHANICAL DIMENSIONS (millimeters)



## HOW TO ORDER

Product Code

BOX-MUT

Via Pergolesi 30 - 20851 LISSONE (MB) - [www.elindco.it](http://www.elindco.it)

DECEMBER 2012

The manufacturer has the right to modify the products and the details contained in this TECHNICAL SHEET whenever necessary without previous notification.  
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