

# SL 523 / SL 525 – Function Overview

		SL 523	SL 525	Programming Software
<b>Display</b>				
Change language	<i>English, Dutch, French, German, Hungarian, Italian, Polish, Portuguese, Spanish</i>	✓	✓	✓
<b>Buzzer</b>				
Volume	<i>2 levels</i>	–	–	✓
Signal while lock open	<i>buzzer signal</i> <i>buzzer can be switched off</i>	✓	✓	
<b>Code functions</b>				
1 Master code	<i>Master code opens lock and gives access to all lock functions</i> <i>Master code definable as 'cannot open lock'</i>	✓	✓	
		–	–	✓
2 Manager codes	<i>head of user group 1 or 2, can set immed. time lock and time delay</i>	✓	✓	
18 User codes	<i>9 each in user groups 1 and 2</i>	✓	✓	
1 Courier code	<i>bypasses time delay, opens alone even in dual mode</i>	✓	✓	
Code change		✓	✓	✓
Code format	<i>2-digit ID + 6- digit PIN</i> <i>change to 6- digit PIN + 2- digit ID</i>	✓	✓	✓
		–	–	✓
Wrong trial penalty	<i>5 Min penalty after 4<sup>th</sup> wrong code entry</i>	✓	✓	✓
Dual mode	<i>Master code and Courier code can always open alone</i>	✓	✓	
Code denial	<i>temporary lockout of Manager codes and/or user groups</i>	✓	✓	✓
Duress code	<i>entry permission can be switched on/off</i>	✓	✓	✓
<b>Time delay</b>				
Time delay	<i>0 ... 99 Min. settable</i>	✓	✓	✓
Confirmation window	<i>1 ... 99 Min. settable</i>	✓	✓	✓
Duress time delay	<i>0 ... 99 Min. settable, independent of 'normal' time delay</i>	–	99 Min	✓
<b>RTC (Real time clock)</b>				
Time / date	<i>calendar including weekday and leap year information until 2099</i>	✓	✓	✓
Time format	<i>24 hours format or AM/PM format</i>	✓	✓	✓
Summer/wintertime (DLT)	<i>algorithm for automatic changeover</i>	–	–	✓
<b>Time lock functions</b>				
Weekly program	<i>16 weekly repeated programs</i>	✓	✓	✓
Holyday periods	<i>22 pre-programmable date-related holiday periods</i> <i>selectable as yearly repeating holiday periods</i>	✓	✓	✓
		✓	✓	✓
Immediate time lock	<i>Time lock starting now until end of next weekly period</i>	✓	✓	–
<b>Audit</b>				
Memory	<i>ring buffer, non-volatile, non-erasable</i>	>2400	>2400	
Manipulation detection	<i>Indication of excessive occurrence of events</i>	✓	✓	
Read-out	<i>with serial interface RS232 in input unit</i>	✓	✓	✓
<b>Signal inputs</b>				
Door contact	<i>contact closed = lock closes</i>	–	–	✓
Time delay bypass	<i>contact closed</i>	✓	–	✓
Remote disabling		✓	✓	✓
Controlled disabling		–	–	✓
<b>Signal outputs</b>				
Lock open	<i>lock open</i>	✓	✓	✓
Duress alarm	<i>duress alarm</i>	✓	✓	✓
Other signal triggers	<ul style="list-style-type: none"> <li>- weekly period active</li> <li>- time delay counting</li> <li>- door contact closed</li> <li>- hardware fault</li> <li>- battery low</li> <li>- programming mode</li> <li>- remote disabling active</li> <li>- wrong trial penalty active</li> <li>- time period 'waiting on confirmation code' until 'lock closing'</li> <li>- time period 'courier code entry' until 'lock closing'</li> </ul>	<ul style="list-style-type: none"> <li>- holiday period active</li> <li>- waiting for code 2</li> <li>- lock bolt open</li> <li>- motion fault</li> <li>- battery compartment open</li> <li>- no connection to lock</li> <li>- time delay bypass</li> <li>- online with RS232</li> <li>-</li> <li>-</li> </ul>	<ul style="list-style-type: none"> <li>–</li> <li>–</li> <li>–</li> <li>–</li> <li>–</li> <li>–</li> <li>–</li> <li>–</li> <li>–</li> <li>–</li> </ul>	<ul style="list-style-type: none"> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> </ul>
OR function	<i>Boolean OR combination of several signal triggers (disjunction)</i>	–	–	✓
Polarity	<i>Inversion of polarity: contact opens on event (instead of closing)</i>	–	–	✓
<b>Special functions</b>				
Shelve function	<i>Master can reset all data back to default delivery settings</i>	✓	✓	
Diagnosis / Error detection	<i>Automatic background diagnosis</i>	✓	✓	
Opening counter	<i>non-volatile, non-erasable counter (last 4 digits displayed)</i>	✓	✓	
Battery capacity indication		✓	✓	
<b>Approvals</b>				
VdS 2396	<i>High Security Electronic Lock, class 2</i>	✓	✓	
VdS 2269 / 2315	<i>Stroke plate contact for intruder alarm systems of class C</i>	✓	✓	
EN 1300	<i>level B</i>	✓	✓	
ECB•S	<i>level B</i>	✓	✓	
CNPP a2p	<i>level B/E</i>	✓	✓	
IMP	<i>class 2</i>	✓	✓	