

E-LINE Swinghandle mechatronic RS/FS PrC

MLR2500/MLR2500KP



Advantages

- Opening readiness can be activated via RFID card, PIN code, management system.
- Status display via LED directly for handle.
- Wiegand interface.
- Illuminated info field with configurable backlighting.
- Keypad for two-factor authentication.
- IP40 according to DIN EN 60529.
- 125 kHz and 13.56 MHz hybrid antenna.
- Emergency opening with e.g. laptop possible.

Material

- **Handle:** zinc die
- **Dish:** ABS, black
- **Control box:** PA, black

Remarks

(S) door-thickness 1.5 - 2 mm

1. keypad
2. LED handle status
3. button
4. emergency power supply interface
5. info field

Please contact us regarding the necessary accessory components for your project.

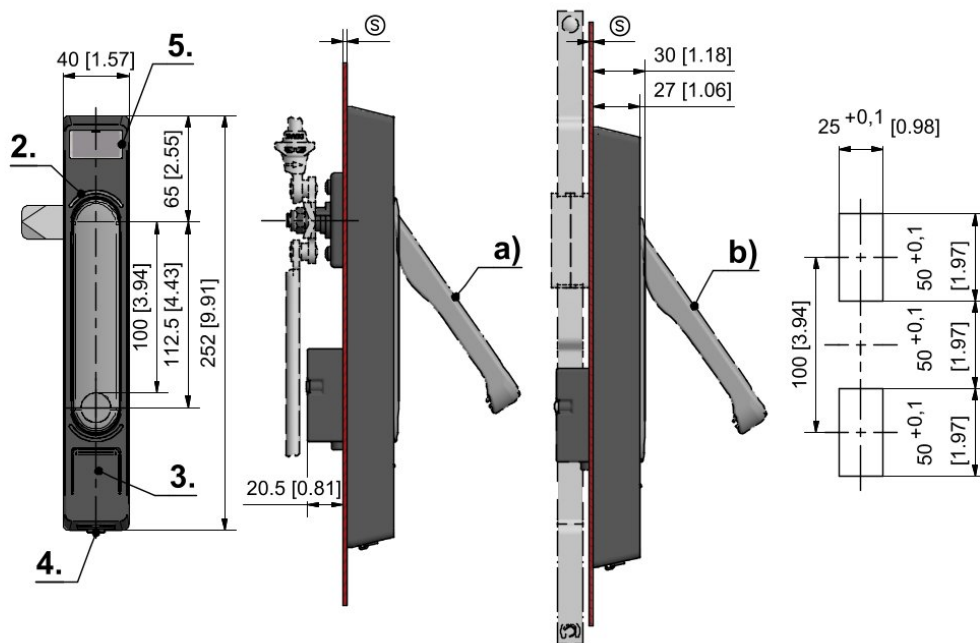
The *Device Configuration Tool* is available under DOWNLOADS.

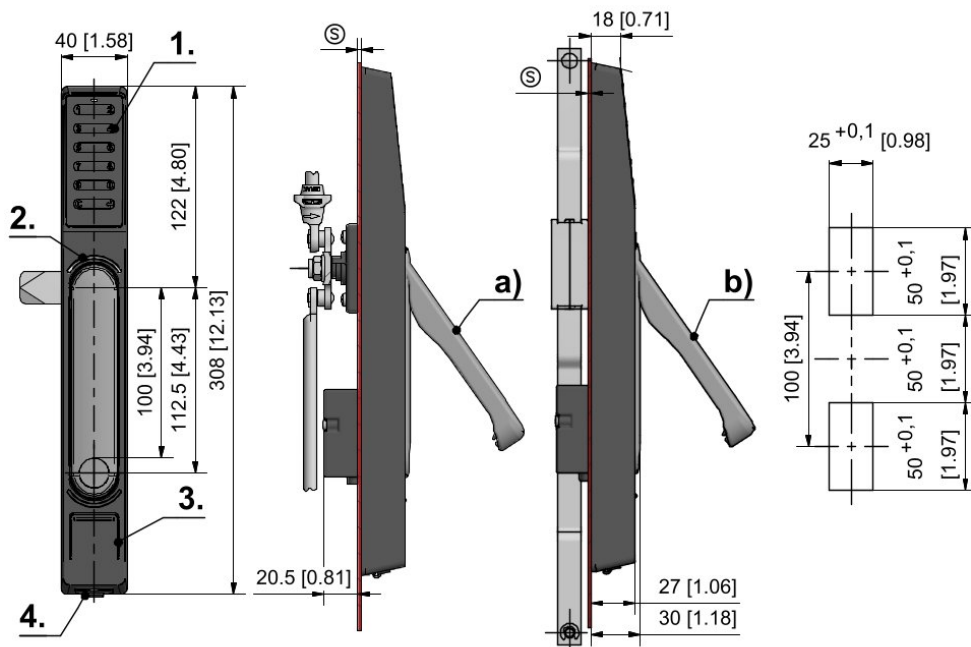
Further technical details please see data sheet.

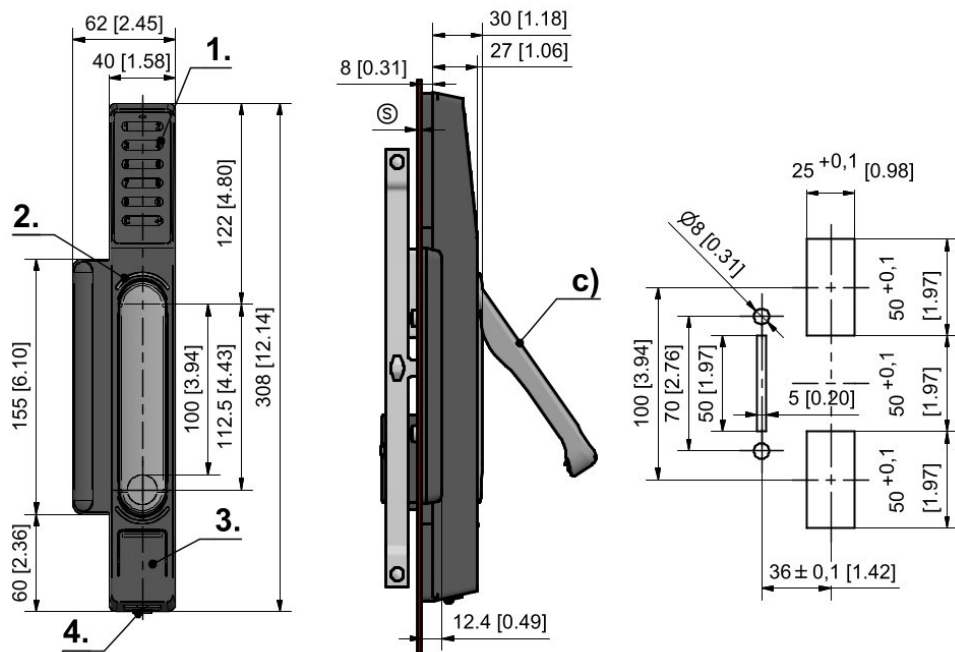
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	Product number	Application	Key-Pad	Installation type	Delivery Unit
a)	611-9203.00-00000	3-point cam		screw-on	1 pc.

	Product number	Application	Key-Pad	Installation type	Delivery Unit
b)	611-9204.00-00000	Rod latch		screw-on	1 pc.
c)	611-9205.00-00000	Offset		screw-on	1 pc.
a)	611-9213.00-00000	3-point cam	yes	screw-on	1 pc.
b)	611-9214.00-00000	Rod latch	yes	screw-on	1 pc.
c)	611-9215.00-00000	Offset	yes	screw-on	1 pc.







Functionality/Activation

The MLR2500 (KP) has a hardware interface for integration into an existing management system. The multi-frequency antenna is capable of reading card information from HID, Mifare and others. The Wiegand output protocol can communicate directly with all physical access control systems that offer a Wiegand interface. The ready to open state is visualized by an LED.

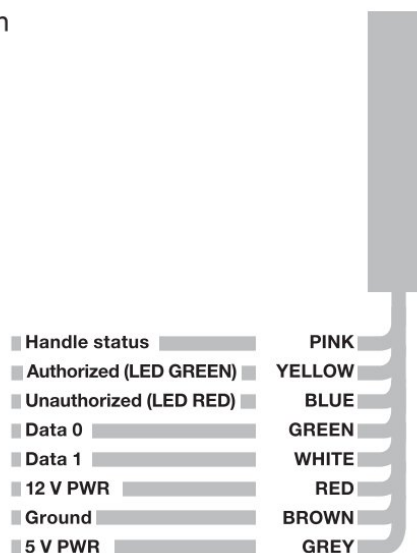
Open/Close status

The locking position of the handle can be evaluated.

Technical data

- Power supply (DC): 5V +- 10%/12V +- 10%
- Quiescent current: 180mA/60mA
- Working current (max): 400mA/130mA
- Temperature range: 10°C to 60°C
- Wall/sheet thickness up to 1.5 to 2mm
- Tightening torque of the screws (top) with 1.0 – 1.2Nm
- Tightening torque of the screws (bottom) with 0.8Nm
- Features: IP40 in accordance with DIN EN 60529
- ROHS, REACH
- Hybrid antenna 125kHz and 13.56MHz
- Control cable – handle: 8-pin, 350cm, UL stranded wire AWG 26, with crimped JST-ZH connector ZHR-8 on one side

Connection



LED Status

Unauthorized Access or „Blocking Period“

Handle open



Configurable LED

Ready for operation

Access Time Exceeded

Access Authorized

Opening period

Unauthorized Access or „Blocking Period“

Handle open



Ready for operation

Access Time Exceeded

Access Authorized

Opening period



**Attention: Risk of crushing and abrasion when pressing shut the swinghandle.
Be careful not to injure yourself when closing the handle.**

Liability clause for sales products

The above information and our technical application advice, whether verbal, in writing or by means of tests, are given to the best of our knowledge. However, this information shall be regarded as non-binding only, also with regard to any third-party property rights.

This information does not exempt you from conducting your own review of our current advisory suggestions. This applies in particular to the technical information on our products in terms of their suitability for use and application.

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