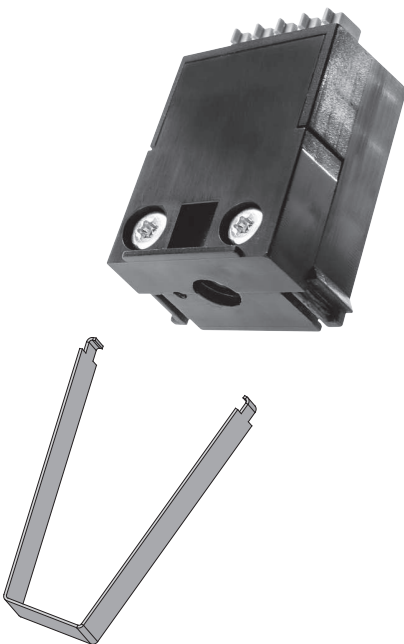


Assembly and Commissioning Instructions

M-COM® Click

M-COM® Click (Main control unit)

24V



Part.-No.: 524167

Application: Communication module for automatic configuration and surveillance of max. 4 opening and 2 locking drives version S12 / S3 (software version SW-V2) in synchronised multi-drive systems.

Rated voltage: 24V DC +/- 20%, (max. 2 Vss)
 Current consumption: <12 mA
 Control type: S12

Protection rating: IP30
 Ambient temperature range: min. - 5 °C ... + 70 °C

Dimensions: 40 x 26 x 15 mm

Connection: for **Aumüller** chain drives
 with **AUMÜLLER-Click plug solution**.

Feature: able to configure drive parameters by simple plug-on into the single or last drive of the multi-drive system.
 Suitable for 24V- or 230V-drives, but it can only be used on the 24V-side.

Equipment: Tongs for removing the **M-COM® Click**.

- By using the **M-COM® Click** 6 single actuators (drives or locks) are linked together in a multi-drive system.
- Within seconds, the **M-COM® Click** links and programmes the synchronized driverunnint mode and one sequentce control, if additional locks are involved. When using 2 locking drives, these run parallel.
- The LED display of the **M-COM® Click** signals the successful initialization, the number of components installed in the system and – if occurring – malfunctions.
- The use of standard drives in a drive system saves storage costs.
- Subsequent installed or exchanged components can be easily adressed and programmed.



Warranty claims require proper and professional assembly, installation and maintenance in accordance with national regulations and manufacturer's instructions of the drives.
 The safety instructions in the supplied product documentation are to be observed.

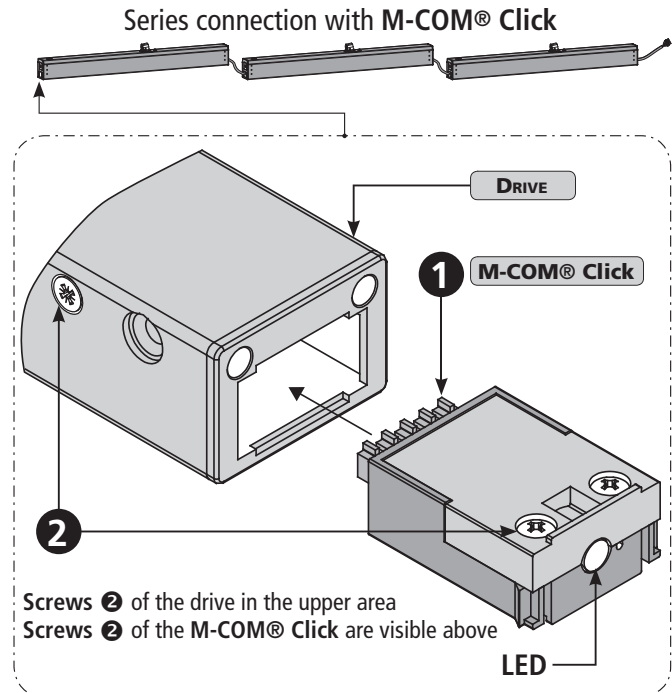


Strictly observe the information given in this and in the instructions for installation of drives when mounting the **M-COM® Click**. Details can be found on our website www.aumueller-gmbh.de
 Keep this instruction over the lifetime of the product.

INSTALLATION STEP 1: FIRST COMMISSIONING

- Insert **M-COM® Click 1** in the drive.
- Switch **on** the supply voltage - in **CLOSE** direction.
- Observe the **LED** reaction of the **M-COM® Click 1**.
- **LED** blinks **red** (Factory settings).
- **LED** starts blinking **red / green**. The communication - to the multi-drive operation - is running.
- **LED** blinks **green**, for each participator once. The process is complete.
- Compare the number of devices with the number of identified participants.
- Check the operation of the multi-drive system according to the instructions for installation the drives.

LED display	
Display	State
● 3s lights red	Factory settings (M-COM® Click is reset).
● ● 0,5s - 0,5s blinks red / green (10 times)	Communication - to the multi-drive operation - becomes set up.
● 0,5s - 0,5s - 3s blinks green (X times)	X drives identified (1 time blinks $\hat{=}$ identified <u>one</u> drive).



Screws 2 of the drive in the upper area
Screws 2 of the M-COM® Click are visible above

To install the **M-COM® Click 1** correctly, note the screws **2** of the drive and of the **M-COM® Click 1**. Turn the **M-COM® Click 1** and the drive so, that the screws **2** are visible above.

NOTE

INSTALLATION STEP 2: TEST RUN, MALFUNCTION, TROUBLESHOOTING

- Switch **on** the supply voltage - in **CLOSE** direction.
- Observe the **LED** reaction of the **M-COM® Click**.

LED display	
Display	State
● 0,5s - 0,5s - 3s blinks green (per drive 1 time)	System is o.k. (can be operated) drives identified (1 time blinks $\hat{=}$ identified <u>one</u> drive).
● 0,5s - 0,5s - 3s blinks red (X-times) When the number of the <u>learned</u> drives does not coincide with the number of drives <u>now recognized</u> .	FAULT: System is NOT o.k. X drives identified (1 time blinks $\hat{=}$ identified <u>one</u> drive).

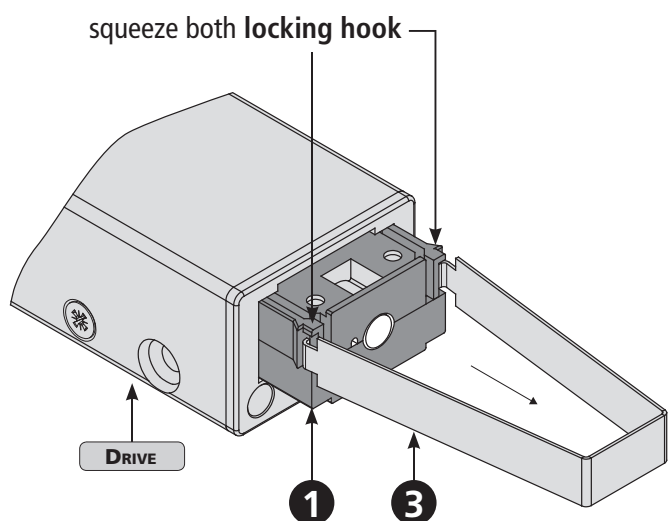
TROUBLESHOOTING: LED blinks red.

- Check wiring and the system.
- Eliminate faults.
- Reset the **M-COM® Click** (see chapter „Reset and re-initialisation of M-COM® Click“).

DEMOUNTING THE M-COM® CLICK IN CASE EXCHANGING A FAULTY DRIVE

In case of exchange a faulty drive, demout and reset the M-COM® Click.

- Switch **off** the supply voltage.
- Disconnect the connection cable from the faulty drive.
- Demount the faulty drive.
- Remove the M-COM® Click ❶ from the drive.
Squeezing the **locking hooks** at the M-COM® Click ❶ and pulled out the M-COM® Click ❶ from the drive - using the tongs ❸.



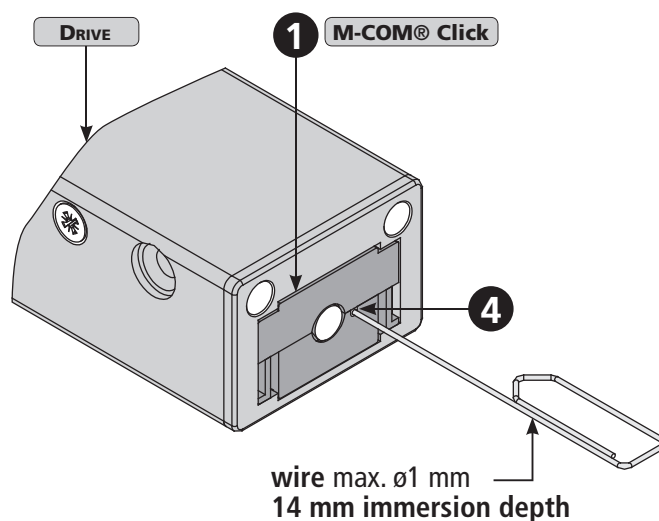
NOTE

The tongs ❸ is included in the scope of delivery of M-COM® Click.

- Mount the new / repaired drive and connect it.
- M-COM® Click ❶ in den Antrieb einstecken.
- Switch **on** the supply voltage - in **CLOSE** direction.
- Reset the M-COM® Click (see chapter „Reset and re-initialisation of M-COM® Click“).
- Disposing of faulty equipment according to the installation instructions of drives.

RESET AND REINITIALISATION OF M-COM® Click

- To reset the system: press the pushbutton within the drilling ❷ for about 5 seconds - using a wire (max. Ø 1mm). The supply voltage is applied.
- The LED starts blinking **red** and lights after successful reset permanently **red**.
- The factory setting is reached, the learning process will automatically restart.



LED display

Display	State
● 0,5s - 0,5s blinks red (6 times)	M-COM® Click is waiting.
● continuous lights red	M-COM® Click is reset (Factory settings).

TROUBLESHOOTING:**Exchanging a faulty drive in the multi-drive system:**

No adjustment is carried out in case of **exchange of drives with special programming** (e.g. stroke, speed)!

In case of repair please order an exchange drive with the same parameter assignment as that of the faulty drive.

- Switch **off** the supply voltage.
- Disconnect the connection cable from the faulty drive.
- Demount the faulty drive.
- Mount the new / repaired drive and connect it.
- Switch **on** the supply voltage - in **CLOSE** direction.
- Reset the **M-COM® Click** (see chapter „Reset and re-initialisation of **M-COM® Click**“).

TROUBLESHOOTING:**M-COM® Click take off under voltage:**

If the **M-COM® Click** is removed under voltage and the drives move, then the drives stop immediately.

- Insert **M-COM® Click** again into the drive.
- Put the system back into operation.

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