

Mounting Instructions

Blocking systems

T4500 series



T4500



T4500/D



T4500/S



T4500/M

CHARACTERISTICS

The T4500 series is composed of RotoBolt, StraightBolt, SpringBolt and MotorBolt locks, whose block is realized through engine.

The power supply can be 9, 12 or 13.8 Volts.

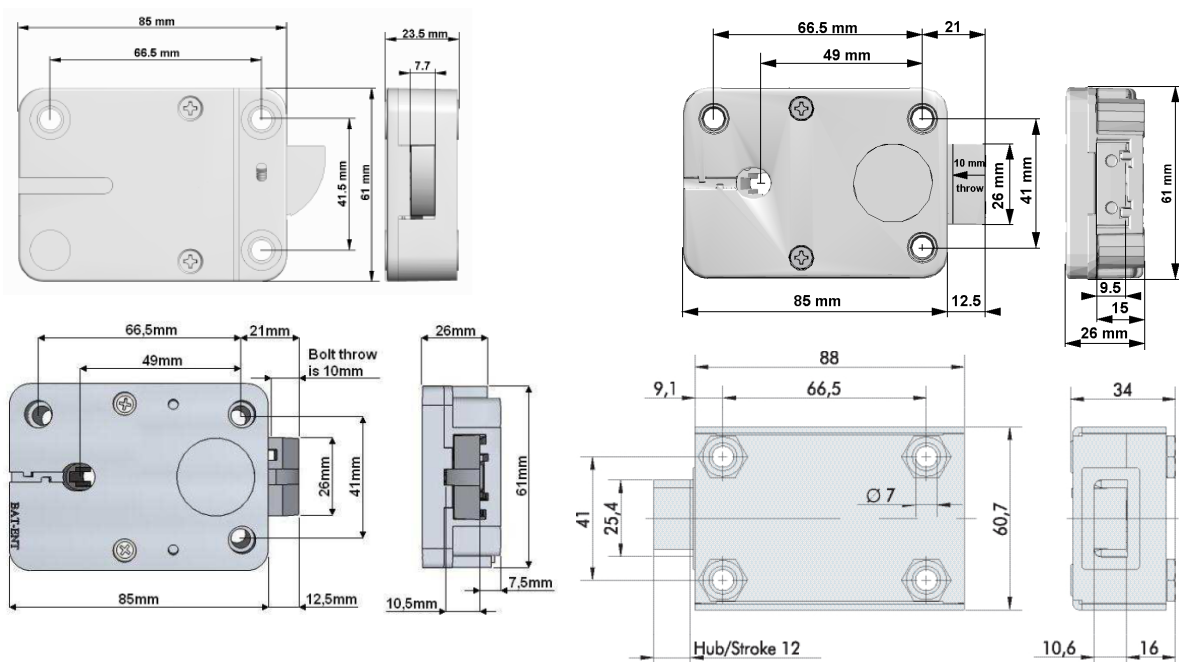
Simply providing power supply, electronics instantly permits unlocking of the bolt.

The locks series T4500 can be mounted in all four directions (RH, LH, VU, VD). Further, by flipping the lock, both blocking directions can be realized (DX/SX).

The mounting dimensions are standard (magic module).

The lock is delivered with M6 metric mounting screws. Withworth screws 1/4 – 20 are available on demand.

DIMENSIONS



Cabling and characteristics

Power supply:

Red positive – Black negative.

V = 9Vdc – 12Vdc – 13.8Vdc

I = 200mA @ 12Vdc

VERSION T4500, T4500/D, T4500/S

Maximum power supply time:

Tmax= 300sec @ 12Vdc (do not power it for a longer time).

VERSION T4500/M

Minimum power supply time:

Tmin= 40sec @ 12Vdc (do not power it for a shorter time).

Bolt microswitch:

Blue cable – common

Red cable – normally open

Green cable – normally closed

I_{max} = 0,5A – V_{max} = 50Vdc

BOLTWORK REQUIREMENTS AND MOUNTING INSTRUCTIONS



In the LOCKED position there should be approximately 1 mm clearance between the lock bolt and the cavity in the blocking bar of the boltwork. Bolt must move freely.

Only use the screws provided by the manufacturer to mount the lock. Tighten the screws so that the lock body appears firmly fixed to the mounting surface (Torque approximately 3.5 Nm).

- Tie cables away from moving parts.
- Any component attached to the bolt must be approved by Tecnosicurezza before installation. In any event the maximum and constantly bolt load may not exceed 2,5N.

FUNCTIONAL TEST (Always perform this operation with the door open!)

Provide power to the lock.

Turn boltwork handle towards OPEN position. Bolt must move freely.

Cut power to the lock.

Turn boltwork handle towards LOCKED position.

The lock bolt must fully extend and secure

Make sure there is an air space on all sides of the lock bolt when the safe's boltwork is fully thrown into LOCKED position.

Repeat functional test several times before locking the safe door.

Before operating the lock,
please read this manual thoroughly,
and retain it for future reference.

Correct disposal of this product:
(Waste Electrical & Electronic Equipment)

Applicable in the European Union and other European countries with separate collection systems.

This marking displayed on the product or its literature indicates that it should not be disposed with other wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

