Security
★★★★★
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TMB motorized multipoint lock

» Automatic locking of the high and low points by anti-lever hooks: the door remains protected by the high and low points and also by the latch.
» The door is opened from the inside by the handle, from the outside by the mechanical key or an electric signal (dual key, proximity card, remote control, etc.), depending on each specific credential (the latch and the high and low points are automatically removed).
» The middle point, with four anti-saw bolts, can be key-locked as an additional security measure. The key-locking of the middle bolts prevents any openings by remote control (service function).
» In case of a power cut, there is always the chance of mechanically opening/blocking the lock with the cylinder.

Anti-intrusion security
» When the door is locked, the hooks remain blocked, which prevents it from being leveraged.
» Compatible with other TESA products: a cylinder and a suitable security escutcheon complement the door's protection.
» Apt for both new doors and replacements.

Technical features
» Central bolt lock. Four anti-saw bolts in nickel-plated steel, diameter: 14mm.
» Automatic auxiliary locks for hooks. Three locking points active at all times.
» Independent locking points.
» A manual cylinder activates the bolts on the central lock.
» Inlets: 50 and 60 mm.
» Distance between shafts: 85 mm.
» Finishes: AE, AC, Inox (Stainless).
» E700 escutcheon with anti-drill plate.
» T60 DS high security cylinder. Double clutch.
» Basic raw material for the front and strike: steel.
» Long strike: 40, 45 mm.
» Power supply: 12V DC
» Maximum consumption: 550 mA

Cylinder	mm.	Finish	Strike	3 points Product code
T60	60	AI	40	TMB3566LAI
T60	60	AC	40	TMB3566LC
T60	60	AE	40	TMB3566LE
T60	70	AI	40	TMB3567LAI
T60	70	AC	40	TMB3567LC
T60	70	AE	40	TMB3567LE

NOTE: It is possible to manufacture backset 60 mm and 45mm wide strike.
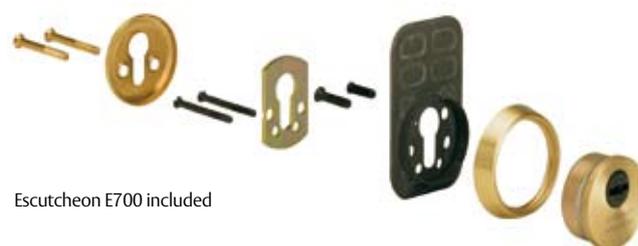
Escutcheon E700 included
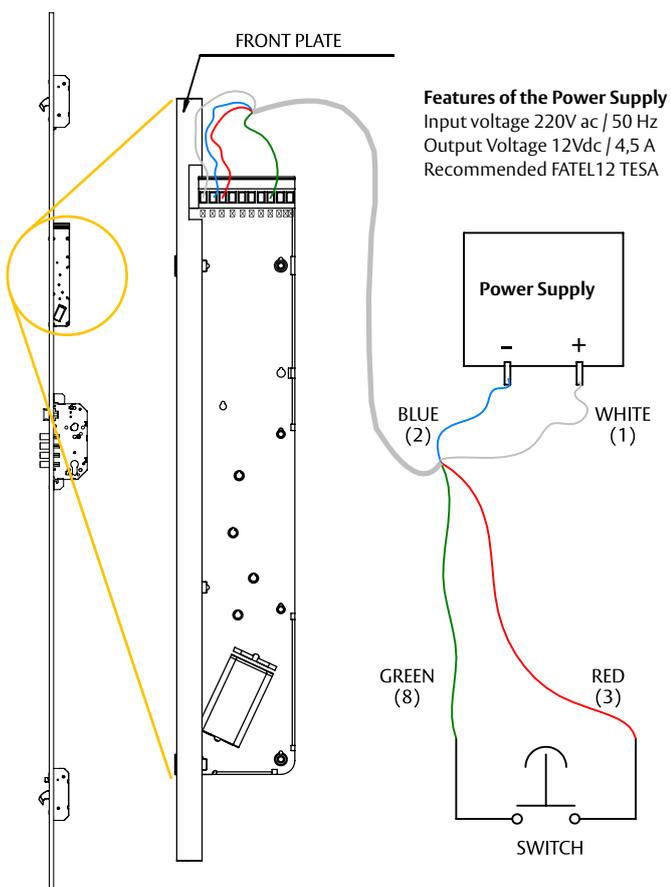
Multipoint security

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General sizes

Model	A	B	E	F
TAB	85	82/92	50/60	93

Mounting

Connection Diagram

FRONT PLATE

Features of the Power Supply
Input voltage 220V ac / 50 Hz
Output Voltage 12Vdc / 4,5 A
Recommended FATEL12 TESA

Power Supply

− +

BLUE (2)　　WHITE (1)

GREEN (8)　　RED (3)

SWITCH

Motor housing
Only in TMB model

Backset

Ø20 SÓLO INT.

Ø40 INT.
Ø50 EXT.

B
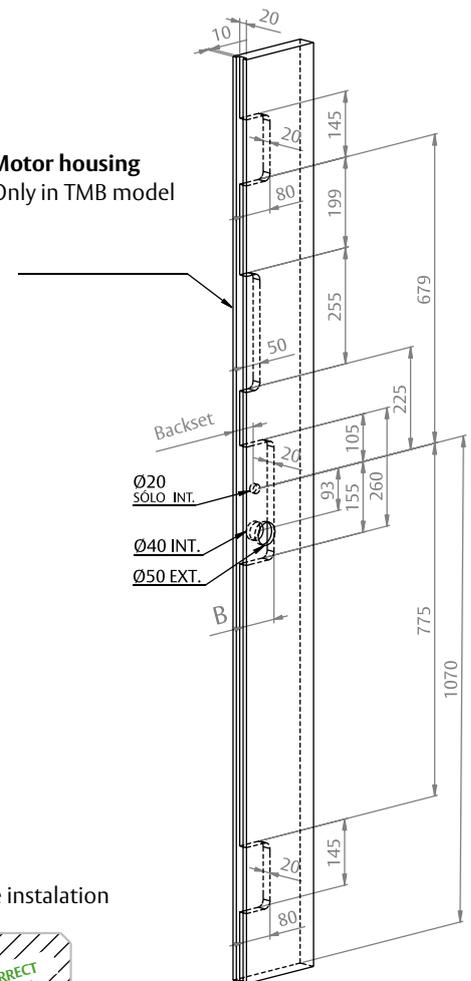
Strike instalation
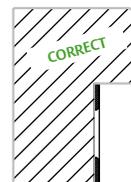
CORRECT

Backset	B
50	82
60	92

INCORRECT

Incorrect: strike must be overlapts or same ending of the frame.

Consumption

Operating voltage
12 VDC (-10% / +15%)

Consumption
Máx. 550 mA (12 VDC)
Mín. 200 mA (12 VDC)

Minimum recommended connection wire: 0,14 mm-section.

Multipoint security

TMB motorized credentials

Self-programmable wall reader

The reader activates the locking element with a relay: electric strike, electromagnetic/motorized lock, etc. It requires an external power supply of 12Vac/Vdc.

Connectors	Description
CN1	Power supply 12Vac / Vdc
CN2	Consumption at rest 80 µA Consumption with the relay operating 150 mA
CN3	Relay outlet: NO, NC and C. Cut capacity: 5A 250 VAC / 5A 30Vdc
CLR	Reset button for erasing the reader's memory

Operation conditions	Description
Humidity	Up to 85% without condensation
Temperature	-10º - 80ºC

Noise coming from the electric strike: we recommend the user to have VARISTOR (included) installed on the electric strike in order to absorb the noises made by the strike. Alternate current only.

Reference	Description
STAR2DSSI	Self-programmable design reader

RFID Combi Key

With TESA's RFID COMBI key, the user will be able to fit together TESA's mechanical masterkeyings with self-programmable locks or other single-credential proximity access control systems.

TESA's COMBI key will be able to open mechanical cylinders of the T80 system and the TX80 and TK100 patented systems, and also get access by placing it near a wall reader or a MIFARE proximity technology electronic lock.

Credential
mifare ®

Head with RFID technology chip MIFARE 1K. (European Standard).

	Carved key	Uncut key
Systems	Reference	Reference
T80	LLAT80TALLCOMBI	LLAVBRT80COMBI
TX80	LLATX8TALLCOMBI	
TK100	LLATK1TALLCOMBI	