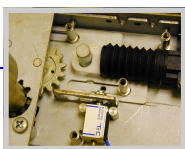


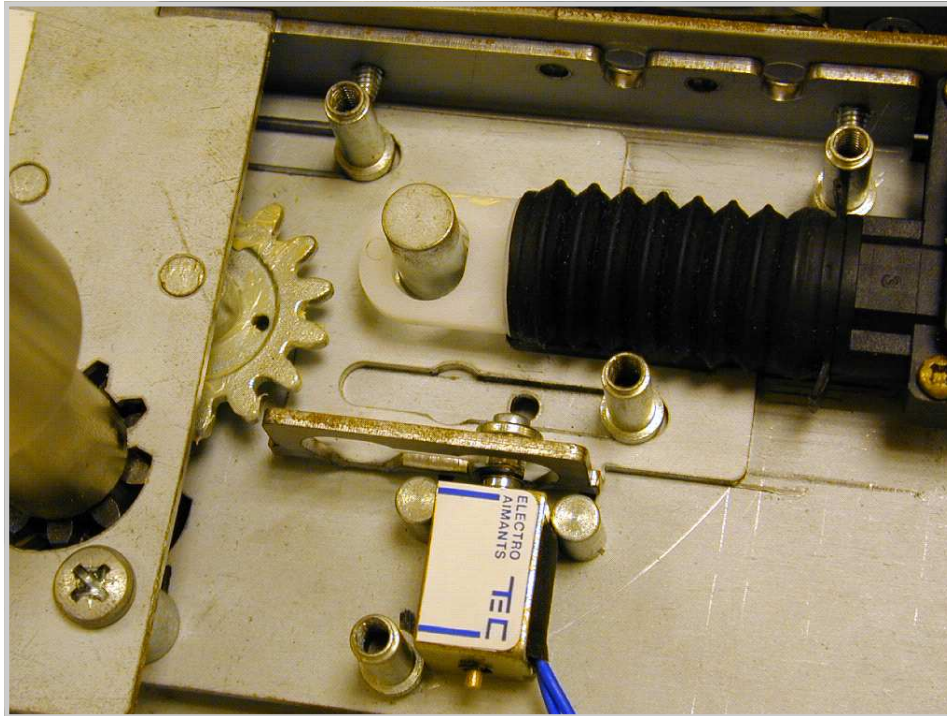
TEC AUTOMATISMES



Solenoids and hold magnets : SAFETY applications



SOLENOID USED TO CONTROL A SAFE DOOR'S LOCKING



Solenoid used : **7R05**

SIZE (mm)	POWER SUPPLY	WEIGHT (g.)	STROKE (mm)	Maximum force (kg)
13 x 16 x 20	12 VDC	25	3	0.035

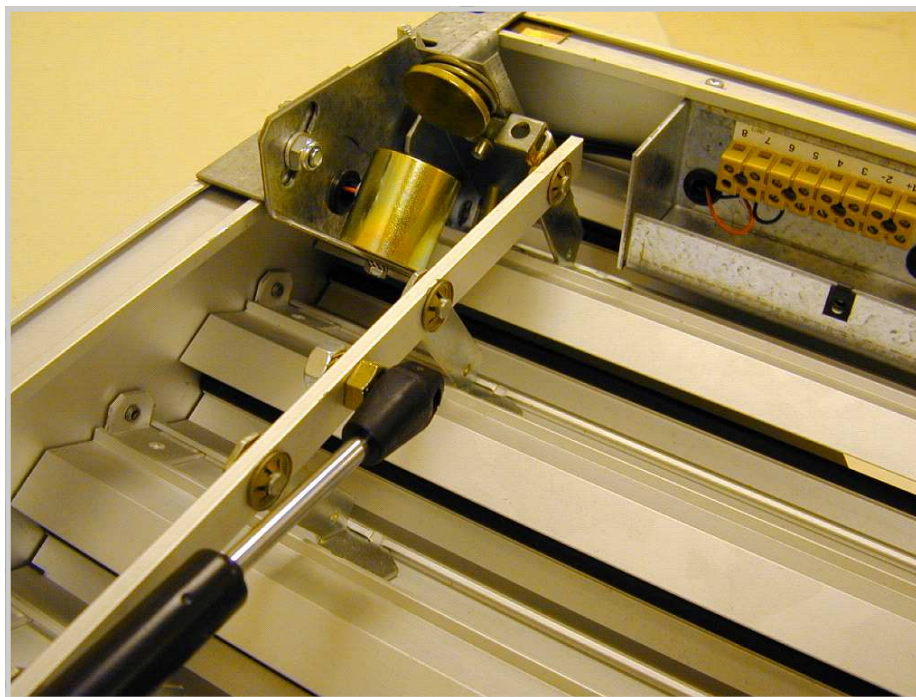
Principle :

The passage from the closing to the opening of the door (or the contrary) is permitted only if the solenoid is not activated





SOLENOID USED TO CONTROL SHUTTERS (security against fire)



Solenoid used : **79E1**

SIZE	STANDARD VOLTAGE	NOMINAL POWER AT 20°	HOLD FORCE (daN)
Ø 30 x 32	24 – 48 VDC	3.5 W	≥ 12

Principle :

In case of power impulse, the plate switches off and all the shutters are opened



SOLENOID USED TO CONTROL PORTAL'S LOCKING



Solenoid used : 7142

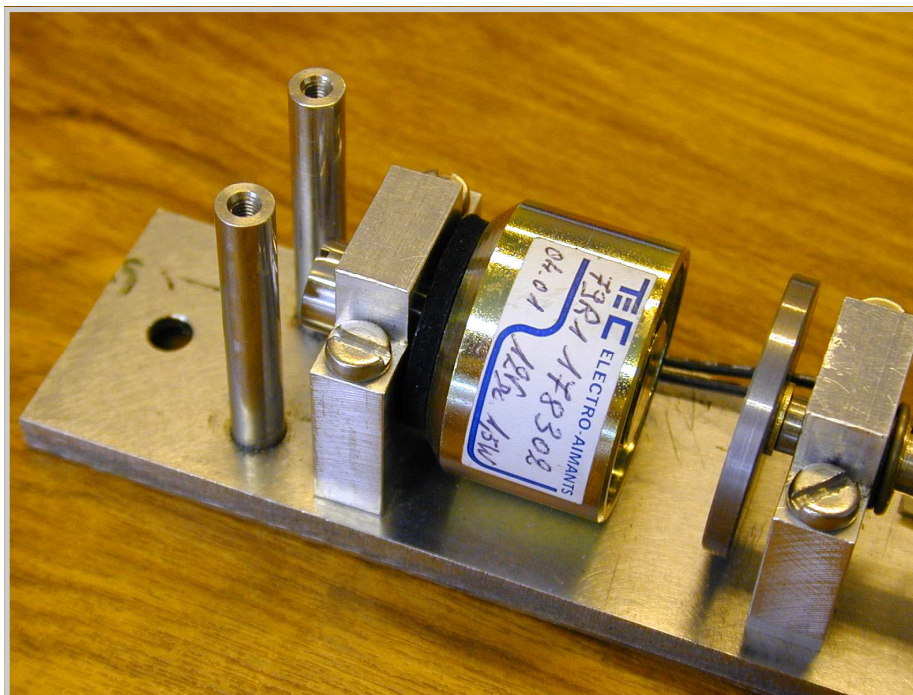
SIZE	POWER SUPPLY	WEIGHT (g.)	STROKE (mm)	Maximum force (kg)
27 x 32 x 39	6 to 220 VDC – 230 VAC	150	10	0.500

Principle :

*The solenoid's switching-on permits the portal's opening.
A manual opening with a key is possible.*



SOLENOID USED TO CONTROL THE PASSIVE SECURITY OF A DOOR'S LOCK



Solenoid used : **79R1**

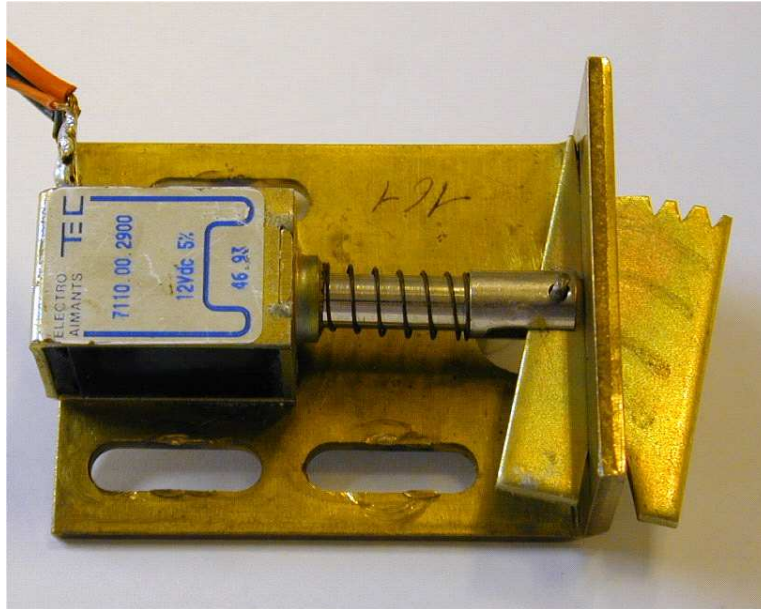
SIZE	STANDARD VOLTAGE	NOMINAL POWER AT 20°	HOLD FORCE (daN)
Ø 30 x 20	24 – 48 VDC	1.5 W	≥ 12

Principle :

In case of power cut-off, the plate switches off and the position of the lock is modified



SOLENOID USED TO CONTROL DOOR'S LOCKING



Solenoid used : **7110**

TYPE	SIZE	POWER SUPPLY	WEIGHT (g.)	STROKE (mm)	Maximum force (kg)
7110	19 x 19 x 30	6 to 220 VDC – 230 VAC	40	6	0.200

Principle :

The door can be opened only if the solenoid has been previously activated





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